

Student Name _____

Teacher Name _____

School _____

System _____

ACH



TENNESSEE

Tennessee Comprehensive Assessment Program

Achievement Test ~ Grade 4

Practice Test



PEARSON

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Introduction

What is the TCAP Achievement Test?

The TCAP Achievement Test is a multiple-choice test designed to measure student achievement in certain skills in four content areas: Reading/Language Arts, Mathematics, Science, and Social Studies. The questions in this practice test are examples of items used in the actual test.

What are the questions testing?

Questions are written to test student performance in state content standards. The State Content Standards and Performance Indicators were developed by the Tennessee Department of Education. These Standards and Performance Indicators are listed on the State Department of Education Web site at <http://www.state.tn.us/education/curriculum.shtml>.

Who will be tested?

Students in grades 3 through 8 will be tested.

How long will the tests take?

The length of the tests will vary, depending on the grade level. The time limits are generous and allow most students time to finish. Extended time limits only apply to students who are eligible for special or English Language Learner (ELL) accommodations.

How will the tests be scored?

The test answers will be machine scored. Results from the test provide information about how well students performed on the content being tested.

May calculators be used?

Calculators may be used on Part 1 and 2 of the mathematics portions of the TCAP Achievement Test (grades 3–8) as per system policy.

Which test accommodations may be used?

The TCAP Achievement Test may be administered using various procedures that are used during the student's daily educational program. Certain conditions must be met for students to be eligible for Special and ELL accommodations.

What is the purpose of the practice test?

In a classroom learning session, these questions can be used to prepare students for the actual test. Teachers can use the practice test to help familiarize students with the format of test questions and how the actual test will be administered. This practice test can also be used to inform parents of the type of test their children will be taking.

Here are some tips for preparing students for the test.

Remind students to:

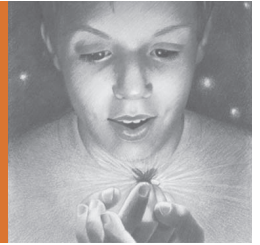
Relax: It is normal to be somewhat anxious before the test. Remember that the score is only one of a number of measures of performance.

Listen: Listen to and read the test directions carefully.

Plan Use of Time: First, answer all the questions you are sure about. Do not spend too much time on any one question. If a question seems to take too long, skip it and return to it later if you have extra time.

Pause and Think: If you are not sure how to answer a question, carefully read it again. Rule out answer choices that you know are incorrect and then choose from those that remain.

Reading/Language Arts



Part 1

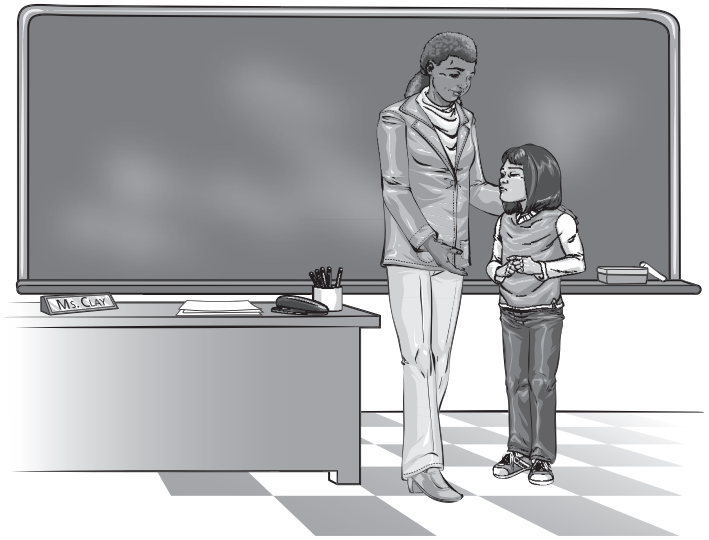
Directions Read the story. Then answer Numbers 1 through 6.

An Artist at Heart

- 1 Risha loved school. However, there was one class Risha dreaded more than any other—art. This was the one class that made Risha miserable. She just wasn’t any good at drawing, painting, or cutting.
- 2 Ms. Clay, the art teacher, stood at the front of the room. “Class, next Friday the entire school is going to participate in an art contest,” she announced. Ms. Clay was a great teacher, and Risha liked her a lot. But this announcement made Risha nervous. “Everyone in the school will create an original piece of artwork to display in the library. You can use the different styles of artwork we have been studying over the past several weeks.” Ms. Clay beamed with excitement when she spoke of the contest, while Risha found herself sinking lower in her chair.
- 3 “What am I going to create for the art contest?” Risha thought.
- 4 Risha had the whole weekend to work on her project, but she could not think of anything to do. On Monday, Risha felt terrified, so she decided to talk to Ms. Clay after school. She explained to her teacher that there was no way she could complete this project. She pleaded to Ms. Clay to excuse her from the contest. Risha told Ms. Clay that she would be willing to write an art paper instead of doing an art project. She would do anything if she didn’t have to create any art.

Go On ►

5 “I understand this project scares you, Risha,” Ms. Clay said. “Just remember, you can create any kind of art you want.” Ms. Clay patted Risha on the shoulder. “Art is a person’s way of expressing his or her feelings—it isn’t always painting, drawing, or sketching. I know you will think of something very creative, and I can’t wait to see it.”



6 When Risha arrived home, she went straight up to her room to brainstorm ideas for her project. Risha realized that she would have to put her fears aside and create a piece of art for the contest. She took out a piece of drawing paper and a pencil. She remembered Ms. Clay’s words. “Art is a person’s way of expressing his or her feelings.” Risha wrote the words “terrified” and “scared” on her paper. She crumpled the paper and tossed it to the side of her desk. Her head dropped into her hands, and she let out a sigh.

7 Then Risha stared at the crumpled ball. The paper reminded her of a snowball. Suddenly a smile crept across Risha’s face. The snowball sparked an idea to create a winter wonderland out of crumpled paper. Risha didn’t have to draw or paint or even cut.

8 Risha wadded each sheet in a whole stack of paper, glued them all together, and placed them on a big piece of wood she found in her garage. The crumpled papers formed a snowman with snow-covered mountains in the background. The snowman wore a hat made of torn black strips of construction paper and a scarf made of red pieces of paper. Risha took some pieces of brown and green paper and crumpled them to create a forest. Her finished project was a true masterpiece.

9 Risha arrived at school on Friday and carefully balanced her project between her arms as she carried it into the library. She noticed smiles and nods from teachers and other students as she placed her work on a table. Her unique artwork sat next to paintings, drawings, and sketches. No other piece of art looked anything like Risha’s.

10 Ms. Clay walked over to Risha. “You have created an original and amazing piece of artwork. I am so proud of you!” Ms. Clay said.

11 Risha was proud of herself too. She was pleased with her final project. Risha’s pride grew when Ms. Clay placed a first-place ribbon on her art. “Maybe I am a good artist after all,” Risha thought.



1 Read the sentences from Paragraph 9.

Her unique artwork sat next to paintings, drawings, and sketches. No other piece of art looked anything like Risha’s.

The word unique means

- A** one of a kind.
- B** perfectly made.
- C** hard to find.
- D** delicately formed.

2 Choose the question that is answered in the story.

- F** What does Ms. Clay think Risha will make?
- G** Where does Risha create her project?
- H** How long does it take Risha to make her project?
- J** Will Risha enter another art contest later in the year?

Go On ►

3 What happens after Risha finds the wood in the garage?

- A** She discovers that a sheet of crumpled paper looks like a snowball.
- B** She asks to do a different assignment.
- C** She creates a complete winter scene.
- D** She writes “terrified” and “scared” on her paper.

4 How does Risha start to solve her problem?

- F** She remembers her teacher’s words.
- G** She realizes that art can be fun.
- H** She writes a list of her ideas.
- J** She looks at other students’ artwork.

5 Based on the story, what will most likely happen in the future?

- A** Other students will make snow-scene art.
- B** Risha will begin to enjoy art class.
- C** Ms. Clay will stop having art contests.
- D** Risha will worry about making more art pieces.

6 The author most likely wrote this story to

- F** give information about creative and unusual types of art.
- G** explain how to win an art contest in school.
- H** persuade readers to participate in art contests.
- J** entertain readers by telling about a girl and a contest.

Directions

Tasha wrote this letter. It has mistakes. Read the letter and answer Numbers 7 through 14.

September 23, 2009

Dear Ms. Franklin

(1) Thank you for guiding my fourth grade class through a tour of Newton Science Center. (2) We has enjoyed seeing the displays and watching the movie about astronauts. (3) We learned a lot of interesting facts and really loved the hands-on activitys. (4) This was the bestes school trip ever!

(5) When we returned from the field trip, we had a class discusion about the exhibit we liked most. (6) Samantha thought the moon rocks were really great. (7) Malik could not never stop talking about the comet craters we made with rocks and flour. (8) Jesse was amazed by the star patterns and galaxies at the Skylab Planetarium. (9) My favorite part was the Living in Space display. (10) It was interesting to try on a real space suit and see how astronauts eat and sleep. (11) However, we all agreed that trying to land the spaceship in the Star Ship game was fun.

(12) Thank you again for showing us around the center. (13) It is a trip we will remember for a long time. (14) I have one suggestion. (15) Please don't change the space display yet. (16) I'm going to convince my mother to take me back soon

Sincerely,
Tasha Murray

7 Read the date of the letter.

September 23, 2009

Which is the correct abbreviation for the underlined word?

- A** Septem.
- B** Spt.
- C** Sept.
- D** Sptm.

Go On ►

8 Read the greeting from the letter.

Dear Ms. Franklin

What is the correct way to write the greeting?

F Dear, Ms. Franklin

G Dear Ms. Franklin.

H Dear Ms. Franklin,

J correct as is

9 Read Sentence 2.

We has enjoyed seeing the displays and watching the movie about astronauts.

Which is the correct way to write the underlined part of the sentence?

A have enjoys

B is enjoying

C enjoying

D enjoyed

10 Read Sentence 3.

We learned a lot of interesting facts and really loved the hands-on activitys.

Which is the correct way to write the underlined word?

- F** activitease
- G** activities
- H** activityses
- J** correct as is

11 Read Sentence 4.

This was the bestes school trip ever!

Choose the correct way to write the underlined word in the sentence.

- A** best
- B** more best
- C** most best
- D** correct as is

Go On ►

12 Read Sentence 5.

When we returned from the field trip, we had a class discusion about the exhibit we liked most.

Which underlined word in the sentence is spelled incorrectly?

- F** returned
- G** field
- H** discusion
- J** exhibit

13 Read Sentence 7.

Malik could not never stop talking about the comet craters we made with rocks and flour.

Which is the correct way to write the underlined words in the sentence above?

- A** could never stop not talking
- B** could not stop talking never
- C** could never not stop talking
- D** could not stop talking

14 Read Sentence 16.

I'm going to convince my mother to take me back soon

Which is the best punctuation mark to put at the end of the sentence?

- F** a period
- G** a semicolon
- H** a comma
- J** a question mark

Directions

Read the passage. Then answer Numbers 15 through 22.

Top of the World

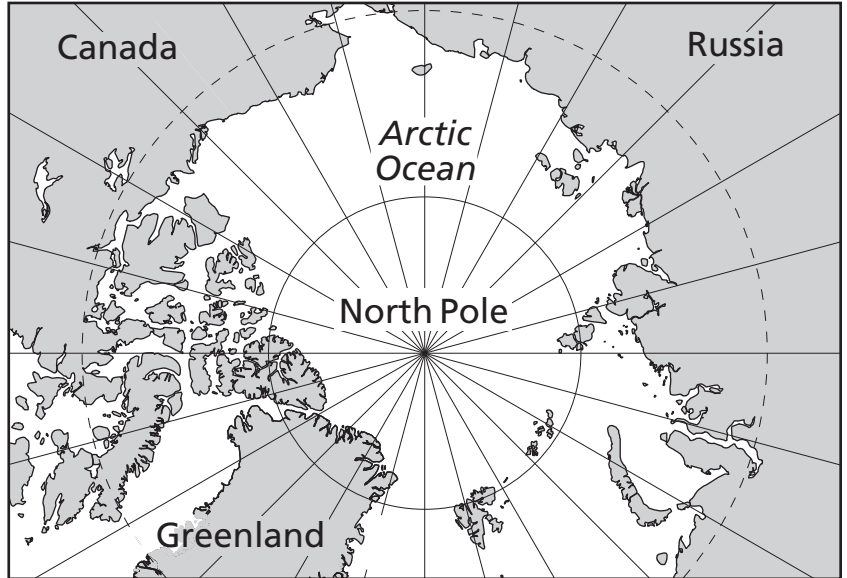
- 1 The North Pole is located at the northernmost tip of Earth. It is hard to describe what the area looks like because there are no physical land features such as mountains, rivers, or volcanoes. In fact, the North Pole has no land at all! It is a large mass of ice in the middle of the Arctic Ocean. The nearest land is actually about 450 miles away, off the coast of Greenland. The area surrounding the North Pole is called the Arctic Circle.

Winter at the North Pole

- 2 Winter at the North Pole is cold and dark. This part of Earth is tilted away from the sun during the winter, so it doesn't get much sunlight. In October, the last edge of rays from the sun disappears below the horizon. Then the area is left in full darkness until springtime.
- 3 Without the sun, temperatures at the North Pole fall many degrees. Average temperatures stay around -30°F . The frigid temperatures cause much of the ocean surface to freeze.

Summer at the North Pole

- 4 In the spring, the sun begins to rise over the horizon at the North Pole. Daylight begins again! Each day the sun climbs higher in the sky. By summer, sunlight shines all the time, day and night!
- 5 When the summer sun shines, the temperature at the North Pole warms, rising to a chilly 32°F . The ocean ice sheets partially melt and shrink in size.



Arctic Animals

6 Some animals are able to live in such cold temperatures near the North Pole. Many search for food near the edges of the floating ice. As the ice sheets change in size during the summer, the animals move to find better food. During the winter, many of the animals hibernate.

7 Polar bears live in the North Pole. They are strong swimmers and are able to swim across miles of water at a time. They hunt seals that rest on the drifting ice.

8 Ringed seals hunt for fish beneath the ice. The holes in the ice give them places to come up for air. In spring, seals give birth to babies called pups inside dens they form in the ice.

9 The narwhal lives in the deep Arctic waters. It is known for its single spiral tusk. This tusk has caused people to nickname the animal the “unicorn of the sea.” The narwhal’s tusk is a long tooth.

Travel to the Top

10 The first recorded journey to the North Pole was in 1909, when people made the dangerous trip by dogsled. About fifty years later, a submarine was the first watercraft to cross the North Pole. Today, planes fly over the North Pole while traveling between continents. No people live at the North Pole because the temperatures are so cold and because there is no actual land on which to build dwellings.

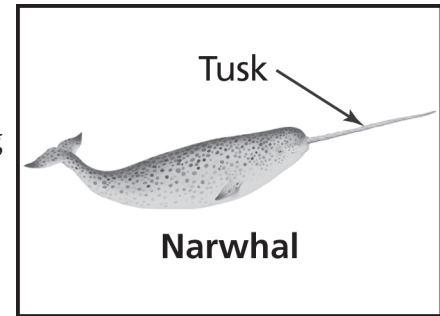
Trouble at the Top

11 The Arctic region is a beautiful place. However, some scientists are concerned that it is changing. In recent years, the ice at the North Pole has seemed to shrink. This could cause some Arctic animals to lose their homes. Scientists are studying the problem to find ways to save this icy region of the world.



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Polar Bears



© Dorling Kindersley/Dorling Kindersley RF/ Getty Images #73016290

15 Read the sentence from Paragraph 2.

This part of Earth is tilted away from the sun during the winter, so it doesn't get much sunlight.

Which word is a synonym for the underlined word?

- A** drifted
- B** guided
- C** slanted
- D** located

16 Which section of the passage explains why the surface of the ocean freezes?

- F** Winter at the North Pole
- G** Summer at the North Pole
- H** Travel to the Top
- J** Trouble at the Top

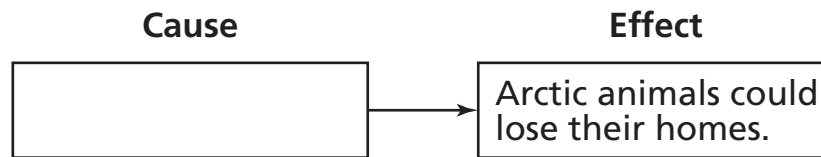
17 Which sentence from the passage contains an opinion?

- A** In fact, the North Pole has no land at all!
- B** By summer, sunlight shines all the time, day and night!
- C** The narwhal's tusk is a long tooth.
- D** The Arctic region is a beautiful place.

18 If a reader wants to see other maps of the North Pole, the best reference to use is

- F** a dictionary.
- G** an encyclopedia.
- H** an atlas.
- J** a thesaurus.

19 Look at the diagram below.



Which of these belongs in the empty box?

- A** The ice at the North Pole is melting.
- B** There is little land at the North Pole.
- C** There are holes in the ice at the North Pole.
- D** The temperatures at the North Pole are cold.

20 The best source in which to find information about the first trips people made to the North Pole is a

- F** Web site titled *Surviving Arctic Weather*.
- G** book titled *Early Arctic Explorers*.
- H** journal titled *Arctic Studies Today*.
- J** picture book titled *Animals of the Arctic*.

21 Casey is doing a report about the North Pole. Which source could not be used in the early 1900s to research the information for this report?

- A** a book about the North Pole
- B** an online encyclopedia article about the North Pole
- C** a newspaper article about the North Pole
- D** an interview with the first people to journey to the North Pole

22 Read this sentence from Paragraph 11.

Scientists are studying the problem to find ways to save this icy region of the world.

In this sentence, the word region means

- F** view.
- G** strip.
- H** point.
- J** area.

Directions

Read the poem. Then answer Numbers 23 through 26.

My Favorite Time of Year

- Red, yellow, and orange
The colors of a sunrise
Scatter across the trees
Like millions of grains of sand.
5 The changing leaves whisper to me.
A cool breeze softly
Tickles my ear.
It rustles, "I'm here:
Your favorite time of year."
- 10 The nip in the air
Is the opening act for winter's frost.
The leaves let go and begin to fall:
Blowing, billowing, and brushing,
Waving goodbye to August breezes.
15 They call, "I'm here:
Your favorite time of year."



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23 In the first stanza, the speaker compares the scattered colors in the trees to

- A** a cool breeze.
- B** grains of sand.
- C** whispered words.
- D** a certain time of year.

24 Read Line 13.

Blowing, billowing, and brushing,

These words are an example of

- F** alliteration.
- G** repetition.
- H** rhyme.
- J** simile.

25 The “nip in the air” is compared to an “opening act” because cool air

- A** blows quickly across the sky.
- B** causes leaves to blow in the wind.
- C** is appreciated by many people.
- D** shows that a new season is coming.

26 Which season is the speaker’s favorite time of year?

- F** autumn
- G** spring
- H** summer
- J** winter

Go On ►

Directions

Read the paragraph about dragon fruit. Then answer Numbers 27 through 30.

Dragon Fruit

You might change your mind after eating dragon fruit. Dragon fruit is a fruit that comes from a cactus but without any thorns. I bet you'll like it, too, if you can get past how it looks on the outside. Some people think dragon fruit tastes so good. They call it "watermelon on trees." The inside of the fruit can be eaten but the skin cannot. When you cut it in half, the sweet inside is generally white or pinkish, with tiny black seeds.

27 What would be another good title for this paragraph?

- A** Watermelon Has Seeds
- B** Fruit From a Cactus?
- C** Fruit Is Good for You
- D** Cacti Have Thorns

28 Which sentence would make the best topic sentence for this paragraph?

- F** Watermelon is delicious but messy to eat.
- G** Most cacti have prickly thorns growing from them.
- H** Many types of fruit can be found in Mexico, Vietnam, and China.
- J** When you think of a cactus, do you think of thorns and stay away from it?

29 The author most likely wrote this paragraph for people who

- A** enjoy gardening.
- B** want to grow fruit plants.
- C** like to try new things.
- D** like watermelon.

30 The author most likely wrote this paragraph to

- F** inform readers about an interesting fruit.
- G** persuade readers to grow dragon fruit.
- H** share with readers how to eat dragon fruit.
- J** entertain readers by telling about a fruit with a funny name.

Go On ►

Directions Read and answer Numbers 31 through 38.

31 Which sentence is written correctly?

- A** Joshua completed his math facts more quick.
- B** Joshua completed his math facts quickly.
- C** Joshua completed his math facts quicks.
- D** Joshua completed his math facts more quicker.

32 A group of students has two days to complete a class project. Which behavior will best help the students complete the project on time?

- F** checking the supply boxes
- G** talking about homework
- H** staying on task
- J** finding a good place to sit

33 Read the chart.

Name	Age	Number of Pushups in a Minute
Andrew	12	15
Celeste	13	18
Donna	15	25
Kent	14	

What belongs in the empty box?

- A** the title for a column
- B** the name of a student
- C** the age of a student
- D** the number of pushups completed

34 Read the table of contents from a science book about plants.

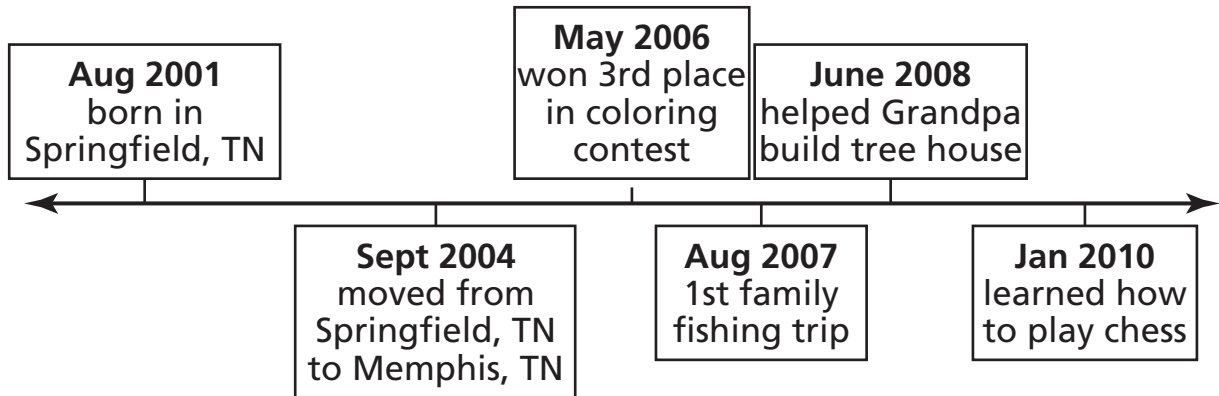
Chapter 1 Types of Plants Chapter 2 What Plants Need to Grow Chapter 3 Life Cycle of Plants Chapter 4 Reproduction of Plants

In which chapter would you find information about how much water and sunlight are necessary for plants?

- F** Chapter 1
- G** Chapter 2
- H** Chapter 3
- J** Chapter 4

Go On ►

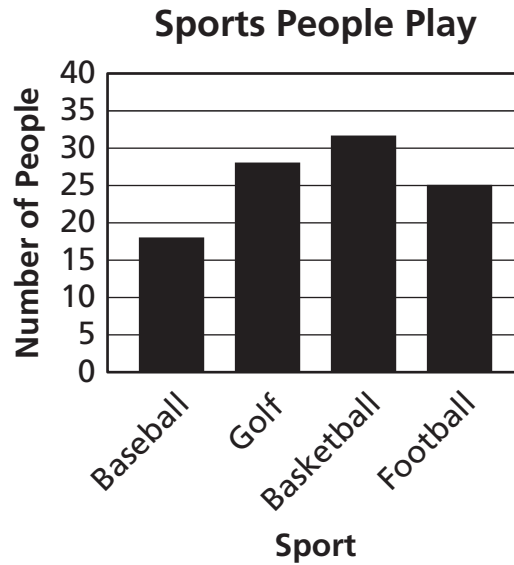
35 Eric put together a timeline of some events from his life.



Which event can Eric add to the timeline between the fishing trip and building the tree house?

- A** July 2008 got new goldfish
- B** Dec 2009 little sister was born
- C** Nov 2007 starred in 1st grade play
- D** Oct 2009 helped at Harvest Festival

- 36** Alice made a chart to show how many people in her neighborhood play a sport.



Based on the chart, which sport do most people in Alice's neighborhood play?

- F** Baseball
- G** Golf
- H** Basketball
- J** Football

37 Look at the picture below.



What is the main idea of this picture?

- A** A student is celebrating a special occasion.
- B** The teacher receives a surprise.
- C** The teacher wants the student to read to the class.
- D** A student chooses a library book.

38 Jeanie is in fourth grade. Which of these was not available when Jeanie's grandmother was in the fourth grade?

- F** e-mail
- G** television
- H** camera
- J** tape recorder

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Part 2

Directions Read the story. Then answer Numbers 39 through 45.

An Old Friend with a New Dog

1 “Hello,” Matt said into the telephone.

2 His best friend Rob replied, “Hi, Matt. Do you want to go to the park later and toss the baseball?”

3 “Uh,” Matt hesitated. “I wish I could, but I need to give Buster a bath. Maybe we can go to the park tomorrow. I was planning on taking Buster there to walk the trails. Do you want to come along?”

4 “Sure,” Rob replied, “I’ll see you tomorrow. Bye.”

5 As Rob hung up the telephone, he let out a long sigh. His mother and older sister, Pam, looked up from the kitchen table. They knew Rob was unhappy.

6 “Ever since Matt got that new dog, he doesn’t have time for anything else,” Rob complained. “Matt has to bathe him, walk him, play with him, feed him, and teach him tricks. There is no time left for his two-legged friends—not even time for his best friend!”

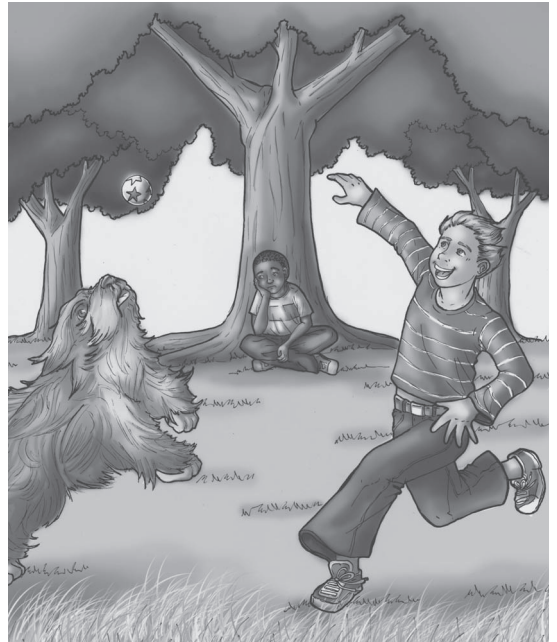
7 “Getting a new pet is exciting, Rob,” his mother said. “Before long, Matt will want to spend more time with you. Just be patient.”

8 Rob looked at his mother and sighed again. Rob already felt like he had been patient with Matt. He had helped him bathe the dog and walk him. Still, any time Buster was around, he got all the attention.

9 “If you really miss spending time with Matt,” Pam began, “you should try to enjoy being with his dog. Matt has a new pet, and he is excited about it. You should be happy for your friend.”

10 Rob didn’t understand how pretending to be interested in Buster would help his friendship with Matt. He started to leave the room, but then Pam continued. “Maybe you could teach Buster how to catch a ball. That is one of your favorite things to do with Matt. Plus, it is a game that the three of you could play together.”

11 Rob thought about Pam’s idea for a moment. Throwing the ball around was one of his favorite games. He knew dogs liked to catch balls. Rob smiled. “I guess that may be worth a try,” he said. “I can take a ball to the park when we meet there tomorrow.”



12 The next day, Rob met Matt and Buster at the park as planned. Matt seemed surprised when Rob said he wanted to teach Buster how to catch the ball.

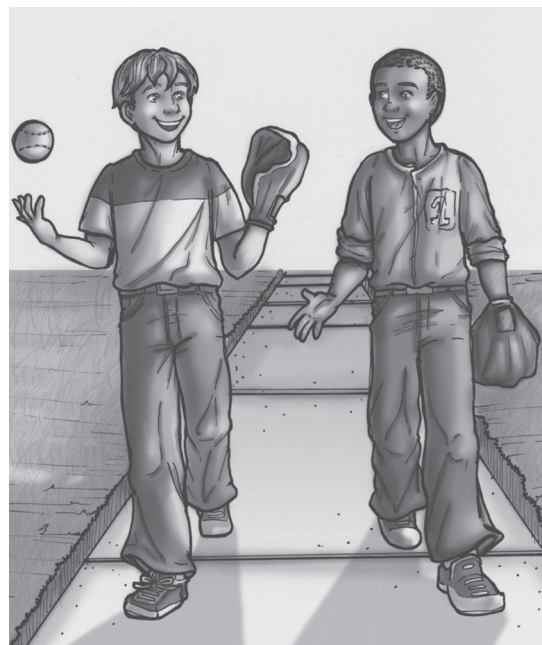
13 Matt watched as Rob took Buster into an open field. Rob threw the ball and Buster ran after it. He ran back to Rob and dropped it at his feet. Then Rob rubbed Buster's head and praised him. Teaching Buster a new trick seemed to come naturally to Rob.

14 "Over here," Matt called to Rob, interrupting the happy moment with Buster. "Can't a guy get a turn at the ball?" he asked.

15 The three played together for a while, just as Pam had predicted. Rob was quite surprised at how much fun he had with Buster. Now that Rob had stopped worrying about getting attention from Matt, it was much easier for him to enjoy being with Buster and sharing Matt.

16 "You're great with Buster," Matt said to Rob. "I'm glad you wanted to teach him a new trick, but he can't learn all the games we play. He can't pitch a baseball or hit a home run like you," Matt joked. "Let's take Buster home, and then we can go to the baseball field and play catch like we used to."

17 Soon Rob and Matt were on their way to the baseball field, just like old times. Rob was glad that his old friend with a new dog was still his best friend.



39 Read the sentence from Paragraph 13.

Teaching Buster a new trick seemed to come naturally to Rob.

Based on the suffix -ly, what does naturally mean?

- A** in a way that is natural
- B** to become natural
- C** to be natural again
- D** one who is natural

Go On ►

40 Choose the question that can be answered after reading the story.

- F** How high can Buster jump to catch a ball?
- G** How often is Buster given a bath?
- H** What do Rob and Matt like to do together?
- J** How long do Rob and Matt play with Buster?

41 When Rob and Matt are on the telephone, Matt suggests going to the park the next day because he

- A** knows Rob likes going to the park with Buster.
- B** realizes Rob wants to teach Buster a trick.
- C** wants to introduce Rob to Buster.
- D** plans to go there with Buster.

42 Why does Matt most likely suggest taking Buster home at the end of the story?

- F** He thinks Buster needs to get some rest.
- G** He knows that Rob is tired of playing catch.
- H** He wants to do things that Buster cannot do.
- J** He is finished playing with Rob.

43 What does Rob do to help his friendship with Matt?

- A** feeds Buster
- B** plays with Buster
- C** walks on the trails
- D** talks on the telephone

44 What is the main problem in the story?

- F** Rob wants to get his own dog.
- G** Matt wants to teach Buster tricks.
- H** Matt worries about taking care of Buster.
- J** Rob misses spending time with his friend.

45 What does the picture at the end of the story show the reader?

- A** how to teach tricks to a dog
- B** how the two boys feel
- C** how to play ball
- D** how to walk a dog home

Go On ►

Directions

Read the poem. Then answer Numbers 46 through 51.

Eagle's Flight



Soaring, flying, and gliding around—
I see it all without touching the ground.
Clouds like thick icing gather around.
To the left and right, sapphire skies surround.

5 But then dark skies roll into view,
 Gray thunderclouds push away the blue.
 When rumbles begin, it's one small clue.
 Then lightning flashes—a storm is brew!

10 I fly high above where trouble grows
 Watching golden, reddish, and greenish glows.
 Gone are blue skies. They've taken a doze.
 Storms are one of nature's greatest shows!

15 Once all is calm and the wind subsides
 Silver or black—nature decides.
 Me, I keep drifting, choosing no sides.
 Taking a trip—one of many lone rides.

46 Read Line 10.

Watching golden, reddish, and greenish glows.

What is the meaning of the word greenish?

- F** used to be green
- G** far from green
- H** more than green
- J** somewhat green

47 In the poem, what happens immediately after gray thunderclouds appear?

- A** The eagle looks for food.
- B** Lightning appears.
- C** The eagle flies higher.
- D** The eagle quickly flies away.

48 Which words from the poem are an example of alliteration?

- F** sapphire skies surround
- G** dark skies roll into view
- H** all is calm
- J** nature decides

Go On ►

49 Read Line 16 of the poem.

Taking a trip—one of many lone rides.

The word lone suggests that the eagle is flying

- A** for a long time.
- B** by itself.
- C** above the clouds.
- D** with the wind.

50 “Eagle’s Flight” can be identified as a poem because it has

- F** words that describe nature.
- G** a narrator who tells what happens.
- H** a beginning and an end.
- J** lines that end with rhyming words.

51 What is the most likely reason the author wrote “Eagle’s Flight”?

- A** to tell a story about what happens to an eagle during a storm
- B** to explain to readers why an eagle flies above the clouds
- C** to describe what an eagle sees during a storm
- D** to persuade readers to learn more about eagles

Directions

Read the passage. Then answer Numbers 52 through 55.

The Biggest Trucks in the World

by Pat Parker



1 Ultra haulers (or giant dump trucks) are the world's biggest trucks. They haul rocks and dirt at places called surface mines. Workers use mining shovels to dig up dirt and rocks, then pour them into the ultra haulers. The haulers rumble away to unload. Then they come back to get filled up again.

2 Ultra haulers do important work. Inside the dirt and rock that they haul are minerals, such as coal, copper, and gold. Coal is used to heat homes and to make steel and electricity. Gold and copper are found in thousands of items, from jewelry to cell phones to spacecraft.

Too Heavy for the Highway

3 An ultra hauler is heavy! It would sink into the road if it were driven to the mines where it works. So after it is built, it has to be taken apart again. The pieces are loaded onto trains or

Go On ►

tractor-trailer trucks, then delivered to the mine. When the pieces arrive, workers put the truck together again.

4 Today's biggest haulers can carry 400 tons. That is the weight of about 243 medium-sized cars. Even without a load, ultra haulers weigh between 250 and 400 tons—the weight of about 40 elephants. If two of those elephants stood on top of each other, they would just reach the top of one truck. Hauler drivers have to climb stairs up to the trucks' cabs, nearly 20 feet off the ground.

5 Larry Conner test-drives ultra haulers for a company that builds giant mining equipment. "Driving an ultra hauler is like driving a two-story house," Larry says. "You sit in your upstairs window, take the steering wheel, and start driving. It's a blast."

The Only One of Its Kind

6 A few years ago, people in Sparwood, British Columbia, got together to save a special ultra hauler. It was the Terex Titan, the longest ultra hauler in the world. The truck had been used at a local coal mine for 12 years. Its huge engine cost so much to run that it had to be put out of use.

7 The coal company and the people of Sparwood did not want the Terex Titan to go to the scrap pile. They collected donations and volunteered their time to make the truck ready for display.

8 Many visitors see the giant truck every year.



"The Biggest Trucks in the World" text by Pat Parker, photos by Liebherr Mining Equipment Co., from *Highlights for Children*, Sept. 2007, copyright © 2007 by Highlights for Children, Inc., Columbus, Ohio. Used by permission.

52 Read the sentence from the passage.

The pieces are loaded onto trains or tractor-trailer trucks, then delivered to the mine.

What is the meaning of delivered in the sentence above?

- F** brought
- G** fastened
- H** provided
- J** lifted

53 How do drivers most likely get inside an ultra hauler?

- A** They are lifted up by a pulley.
- B** They climb the stairs to the top.
- C** They use another truck to lift them up.
- D** They step into the hauler from the ground.

Go On ►

54 Which sentence from the passage is an opinion?

- F** Ultra haulers (or giant dump trucks) are the world's biggest trucks.
- G** An ultra hauler is heavy!
- H** Today's biggest haulers can carry 400 tons.
- J** It's a blast.

55 What would be the best source to find more information about ultra haulers?

- A** a television show
- B** a radio program
- C** the dictionary
- D** the Internet

Directions

This passage is a speech. Read the speech and answer Numbers 56 through 63.

The Great Book Swap

1 Hi, fourth graders! My name is Tory Hill. I am president of the Windsor Middle School Student Council. Your teacher let me come to your class today to tell you about an idea the student council has. We have a reading project that we want to do, and we need your help.

2 If you're like me, you love to read but sometimes have a hard time finding books you want to read. It seems as if the best books at the library are always checked out. To help get more books into people's hands, we're planning the Great Community Book Swap. We're asking every student to bring books from home that can be exchanged for books from other students and even adults.

3 To make the project a success, we need everyone's help. Why not ask friends and neighbors to donate books to support this event? Ask them to send in unwanted books. Look around your own home. Ask your parents if there are any unused books taking up space. Maybe you have books you liked when you were younger but don't read anymore. Bring them to school and make a young reader happy. We need all kinds of books for all kinds of readers!

4 There are many times I'd like to go buy new books, but I don't have a lot of money to spend on them. Wouldn't it be great to swap books right here in our community? Volunteers will organize the donated books. Then the books will be displayed on tables at the community center. Everyone will be able to browse and hopefully find the perfect book. Students and adults will be allowed to choose up to two books during each day of the swap. Our plan is to have the book swap the first Saturday of every month.

5 You might be thinking, "I'm not sure that I'll find something I'll like." If you don't have a favorite author or title, just come and browse the collection of books. Each grade will have its own week to bring in books. Right now, fifth grade is bringing in books. Your week begins on Monday. When every grade has brought in books, we will have quite a selection. You will probably find at least one new book that you'd like to read. Who knows? Maybe you'll find a book so good that you won't be able to put it down. What are you waiting for? Go home and clean out your closets and bookshelves!



Go On ►

56 Tory is organizing her note cards with the speaking points she will mention in the speech.

Introduction	Ask students to begin looking for unused books.	Give details about how the book swap will work.	
--------------	---	---	--

What information belongs on the last note card?

- F** Tell what the reading project will be.
- G** Explain when books will be brought in.
- H** Describe what kinds of books are needed.
- J** Explain why the book swap is needed.

57 Read this sentence from Paragraph 4.

Everyone will be able to browse and hopefully find the perfect book.

Which source should Tory use to find a synonym for the underlined word?

- A** an atlas
- B** a newspaper
- C** a thesaurus
- D** an online encyclopedia

- 58** Tory wants to learn which books are checked out most often by the fourth graders in the community. Who would be the best source to provide Tory with the information she needs?
- F** elementary school librarians in the community
 - G** student council members in the community
 - H** fourth grade teachers in the community
 - J** elementary school principals in the community

- 59** While listening to Tory give her speech, the students in the audience should
- A** ask questions before the speech is complete.
 - B** sit quietly and pay close attention.
 - C** find a better place to sit if it is hard to see.
 - D** watch the teacher to know when the speech is over.

- 60** Which source will most likely provide information that can help Tory organize the book swap?
- F** a magazine article about student council activities at local schools
 - G** a monthly newsletter about library activities for students in the community
 - H** a Web site with information about planning community activities
 - J** a list of activities for students that the library has held in the past

61 Which sentence from the speech best shows that students have already started helping with the book swap?

- A** We need all kinds of books for all kinds of readers!
- B** Volunteers will organize the donated books.
- C** Right now, fifth grade is bringing in books.
- D** Go home and clean out your closets and bookshelves!

62 Read the analogy.

Forget is to remember as swap is to _____.

Which word best completes the analogy?

- F** keep
- G** buy
- H** rent
- J** borrow

63 What is the best summary for the speech?

- A** Students have a hard time finding books they enjoy.
- B** People will donate books to help a community project.
- C** Children will be happy to have more books to read.
- D** A new community project will help students and adults find books.

Directions

Kelly wrote the following rough draft of a report for class. It contains mistakes. Read the report and answer Numbers 64 through 70.

- 1 Many people have difficulty telling the difference between crocodiles and alligators. It is easy to understand why people get these two reptiles confused. At first glance, they appear to be very much alike. _____, they have certain important differences.
- 2 One way to tell the difference between crocodiles and alligators is to look at their noses. Crocodiles have noses shaped like a “V.” Alligators, on the other hand, have wide, rounded noses. They are shaped like a “U.”
- 3 Another difference is in the teeth of these reptiles. The upper jaw and lower jaw of a crocodile are about the same width. When its mouth is closed, the crocodile’s lower teeth appear to lock together with its upper teeth. In alligators, however, the upper jaw is wider than the lower jaw. When an alligator closes its mouth, the upper jaw completely overlaps, or hides, most of its lower teeth. While alligators can grow to be 15 feet long, crocodiles can grow even longer.
- 4 Both animals have glands in their tongues. Crocodiles use these glands to help them get rid of extra salt, which helps them to live in salt water. However, an alligator’s glands do not work as well. Therefore, alligators are more likely to live in fresh water.
- 5 There are many differences between crocodiles and alligators. By studying their noses, jaws, and teeth, as well as looking at what kind of water they live in, it is easy to tell the reptiles apart.

64 A person who would be most interested in reading this report is someone who

- F** wants to learn about crocodiles and alligators.
- G** enjoys reading funny stories about crocodiles and alligators.
- H** works daily with crocodiles and alligators.
- J** is interested in the eating habits of crocodiles and alligators.

Go On ►

65 Read these sentences from Paragraph 1.

At first glance, they appear to be very much alike. _____, they have certain important differences.

Which word belongs in the blank space?

- A** Therefore
- B** Unfortunately
- C** Finally
- D** However

66 Which is the best detail to add to Paragraph 2?

- F** Alligators can hold their breath underwater for 60 minutes.
- G** These V-shaped noses are long and slender.
- H** These animals' ear slits close up to keep water out.
- J** Crocodiles have good night vision.

67 Which sentence does not belong in Paragraph 3?

- A** Another difference is in the teeth of these reptiles.
- B** The upper jaw and lower jaw of a crocodile are about the same width.
- C** In alligators, however, the upper jaw is wider than the lower jaw.
- D** While alligators can grow to be 15 feet long, crocodiles can grow even longer.

68 Which source would probably have the most reliable information about crocodiles?

- F** a person who works with crocodiles
- G** a movie titled *Giant Crocodiles in a City*
- H** a book about a cute, talking crocodile
- J** a Web site of a group called Save the Crocodiles

69 Read the sentence.

The fourth tooth on a crocodile's lower jaw sticks out.

Kelly wants to add the sentence to the report. In which paragraph does this sentence belong?

- A** Paragraph 1
- B** Paragraph 2
- C** Paragraph 3
- D** Paragraph 4

70 The purpose of this report is most likely to

- F** entertain readers with stories about alligators and crocodiles.
- G** persuade readers to learn more about crocodiles and alligators.
- H** describe to readers the differences between crocodiles and alligators.
- J** tell readers how the author feels about alligators and crocodiles.

Go On ►

Directions Read and answer Numbers 71 through 75.

71 Read the statement below.

Yesterday, encouraged me to try again.

Which is the best way to make this a complete sentence?

- A** My father encouraged yesterday for me to try again.
- B** Yesterday, I encouraged me to try again.
- C** My father encouraged me to try again yesterday.
- D** Yesterday, my father encouraged me to try again.

72 Read the sentence.

The brown dog with the shiny collar.

Which is the correct way to complete the sentence?

- F** The brown dog with big ears and a shiny collar.
- G** The brown dog with the shiny collar and big bone.
- H** The brown dog with the shiny collar barked loudly.
- J** The brown dog with a loud bark and a shiny collar.

73 Choose the sentence that uses commas correctly.

- A** The student gathered pens, pencils books and paper to place in the backpack.
- B** The student gathered pens, pencils, books, and, paper to place in the backpack.
- C** The student gathered pens pencils books, and paper to place in the backpack.
- D** The student gathered pens, pencils, books, and paper to place in the backpack.

74 Read the sentence.

Kisha does not need her language arts book for class today.

What is the correct way to write the underlined words as a contraction?

- F** don't
- G** do'nt
- H** does'nt
- J** doesn't

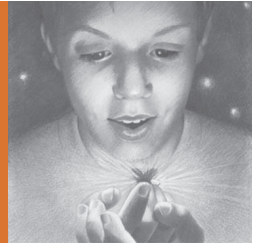
75 A story written to teach a moral, or lesson, is a

- A** tall tale.
- B** myth.
- C** fairy tale.
- D** fable.

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Mathematics



Part 1

1 Add: $0.3 + 0.18 =$

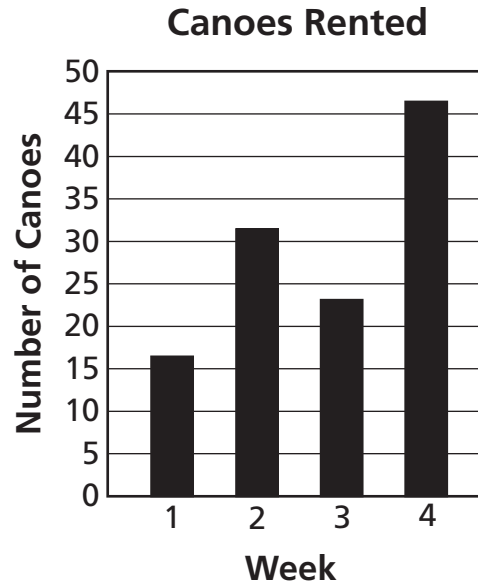
- A** 0.48
- B** 0.21
- C** 0.15
- D** 0.12

2 In the year 2006, there were about nineteen thousand, four hundred five people living in Haywood County, Tennessee. How is the number nineteen thousand, four hundred five written in standard form?

- F** 194,005
- G** 19,405
- H** 19,045
- J** 1,945

Go On ►

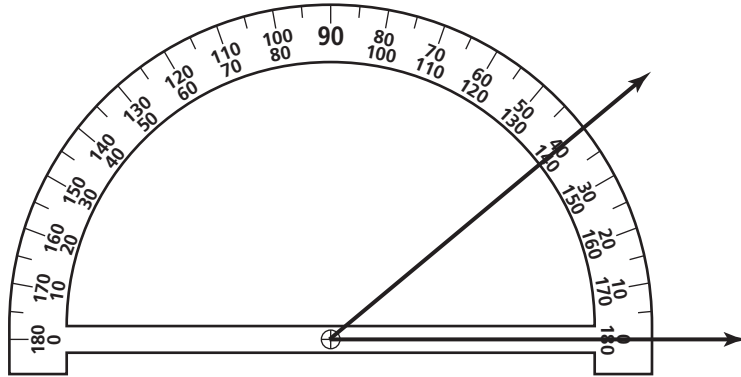
- 3** The graph below shows the number of canoes rented at a lake.



According to the graph, about how many more canoes were rented in Week 4 than in Week 1?

- A** 30
- B** 40
- C** 50
- D** 70
-
- 4** Paula has c baseball cards. She separates them into 3 equal groups. Which expression can be used to find the number of cards in each of Paula's groups?
- F** $c - 3$
- G** $c \div 3$
- H** $c + 3$
- J** $c \times 3$

- 5** Devon drew an angle, as shown below.



Sarah drew an angle that was twice the measure of Devon's angle. Which of these shows the measure of Sarah's angle?

- A** 20°
- B** 70°
- C** 80°
- D** 280°

- 6** What is one way to show that the number sentence below is true?

$$8(4 + 2) = 48$$

- F** $8(4 + 2) = (8 + 4) + (8 + 2)$
- G** $8(4 + 2) = (8 + 4) \times (8 + 2)$
- H** $8(4 + 2) = (8 \times 4) + (8 \times 2)$
- J** $8(4 + 2) = (8 \times 4) \times (8 \times 2)$

- 7** Billy sells cases of water at his store. Each case has 30 bottles of water. Which table shows the relationship between the number of cases and the total number of bottles of water?

Cases of Water

A

Number of Cases	Total Number of Bottles
2	30
4	90
6	150
8	210

Cases of Water

C

Number of Cases	Total Number of Bottles
2	60
4	90
6	120
8	150

Cases of Water

B

Number of Cases	Total Number of Bottles
2	30
4	60
6	90
8	120

Cases of Water

D

Number of Cases	Total Number of Bottles
2	60
4	120
6	180
8	240

- 8** What is the value of the 3 in 63,152?

- F** 3 ten-thousands
- G** 3 thousands
- H** 3 tens
- J** 3 ones

9 Which number sentence can be used to check that $6 + (8 + 7) = 14 + 7$?

- A** $6 + (8 + 7) = 6 + (14 + 7)$
- B** $6 + (8 + 7) = (6 + 14) \times 7$
- C** $6 + (8 + 7) = (6 + 8) + 7$
- D** $6 + (8 + 7) = (6 + 8) \times 7$

10 Rashaad measured the length of his writing pen. Which unit is most reasonable to use to find the length of his pen?

- F** mile
- G** meter
- H** foot
- J** centimeter

11 Meena drank 5,000 milliliters of water during a camping trip. How many liters are equal to 5,000 milliliters?

1 liter = 1,000 milliliters

- A** 5 liters
- B** 50 liters
- C** 500 liters
- D** 5,000 liters

Go On ►

12 Mr. Lutrick planted a total of 516 trees in 6 parks. He planted an equal number of trees in each park. Exactly how many trees did Mr. Lutrick plant in each park?

F 96

G 93

H 86

J 81

13 The table below shows the total number of servings of cereal in different numbers of boxes.

Boxes of Cereal

Number of Boxes	Total Number of Servings
1	8
2	16
3	24
4	32

According to the pattern in the table, what is the total number of servings of cereal in 6 boxes?

A 38

B 40

C 48

D 64

- 14** There are p players on a school baseball team. The school football team has 5 more players than the baseball team. Which expression can be used to find the number of players on the football team?

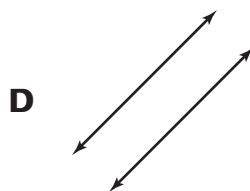
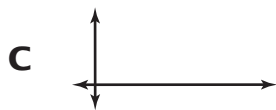
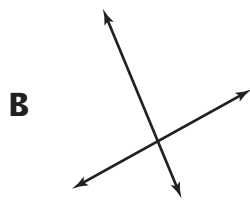
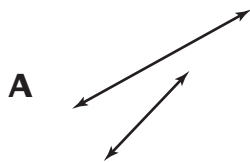
F $p - 5$

G $p + 5$

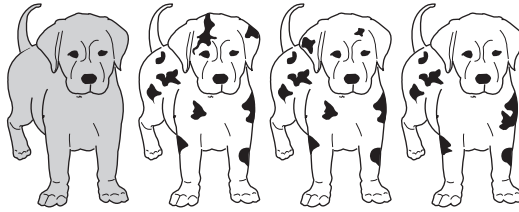
H $p \times 5$

J $p \div 5$

- 15** Which pair of lines appears to be parallel?



16 Look at the puppies below.



Which decimal represents the fraction of puppies with spots?

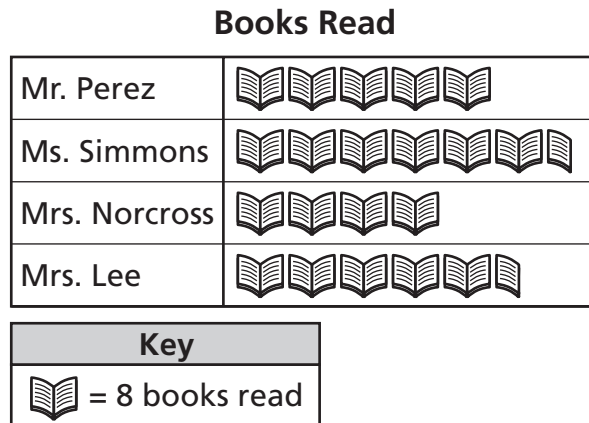
F 0.25

G 0.34

H 0.75

J 0.90

- 17** The pictograph below shows the number of books read by the students in 4 teachers' classrooms last month.



Which table matches the information in the pictograph?

Books Read

A

Classroom	Number of Books Read
Mr. Perez	5
Ms. Simmons	7
Mrs. Norcross	4
Mrs. Lee	6

Books Read

C

Classroom	Number of Books Read
Mr. Perez	40
Ms. Simmons	52
Mrs. Norcross	32
Mrs. Lee	44

Books Read

B

Classroom	Number of Books Read
Mr. Perez	40
Ms. Simmons	48
Mrs. Norcross	32
Mrs. Lee	40


Books Read

D

Classroom	Number of Books Read
Mr. Perez	40
Ms. Simmons	56
Mrs. Norcross	32
Mrs. Lee	48

- 18** Mr. Salinas bought 5 boxes of pencils for his classroom. Each box contained 144 pencils. How many pencils were in these 5 boxes altogether?

F 149
G 420
H 500
J 720

- 19**  Use the centimeter side of your ruler to help you solve this problem.

Which of these figures has a perimeter that is greater than 12 centimeters and less than 16 centimeters?

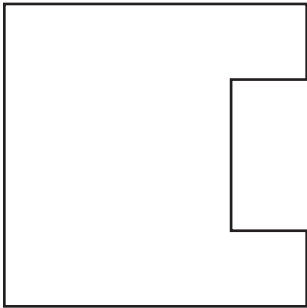
A



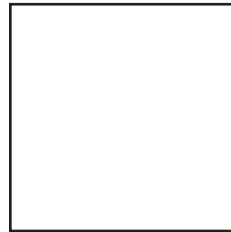
C



B



D



20 LeShawn is creating a design using 6 triangles. Which expression can be used to find the number of triangles he needs to create d designs?

F $6 \times d$

G $6 - d$

H $6 \div d$

J $6 + d$

21 The fourth-grade students at a school collected 564 cans during a food drive. The fifth-grade students collected 739 cans. What was the total number of cans collected by the fourth-grade and fifth-grade students at this school?

A 1,303

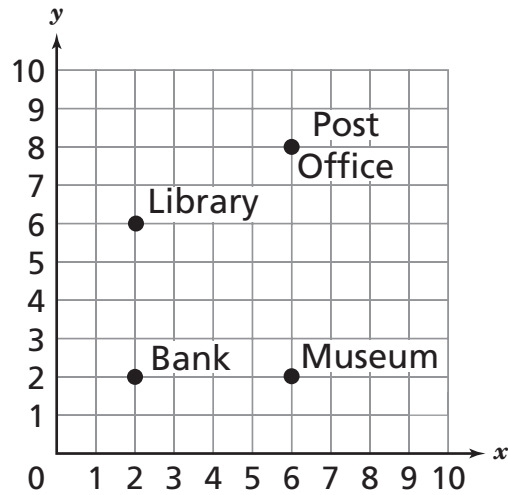
B 1,293

C 235

D 175

Go On ►

- 22** The coordinate grid below shows the locations of 4 buildings in a town.



According to the grid, which building is located at $(6, 2)$?

- F** Bank
- G** Library
- H** Museum
- J** Post Office

- 23** Which number is a common factor of 36 and 56?

- A** 4
- B** 6
- C** 8
- D** 9

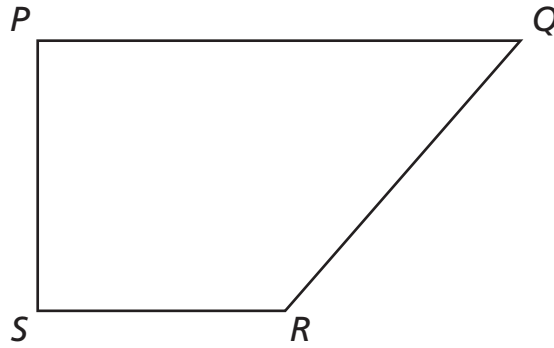
24 Patricia is measuring the mass of an object in grams. Which object would most likely be measured in grams?

- F** eyelash
- G** baseball
- H** refrigerator
- J** watermelon

25 Which number sentence is true?

- A** $\frac{2}{4} = 0.4$
- B** $\frac{6}{8} > 0.6$
- C** $\frac{7}{10} > 0.75$
- D** $\frac{5}{8} = 0.5$

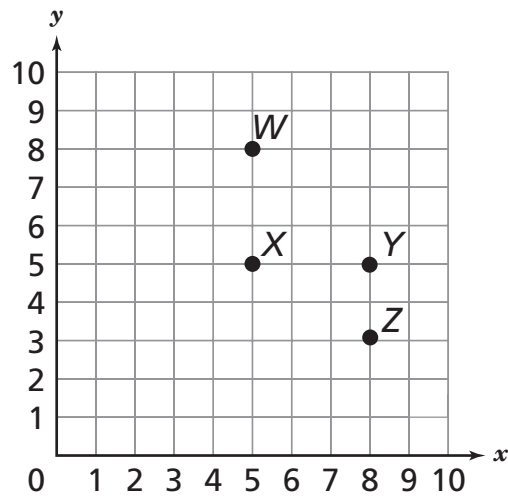
26 Figure $PQRS$ is shown below.



Angle R appears to be what type of angle?

- F** straight
- G** obtuse
- H** acute
- J** right

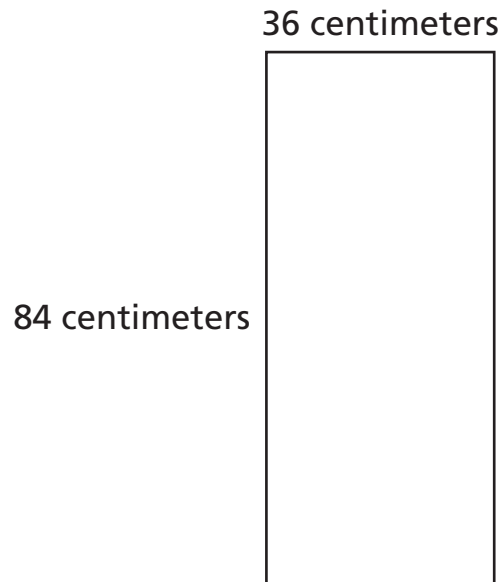
- 27** A coordinate grid is shown below.



What are the coordinates of Point Y?

- A** (5, 5)
- B** (5, 8)
- C** (8, 3)
- D** (8, 5)

- 28** The picture below shows the dimensions of a rectangular cabinet door.



What is the perimeter of the cabinet door?

- F** 240 centimeters
- G** 220 centimeters
- H** 120 centimeters
- J** 110 centimeters

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Part 2

29 Which number is equivalent to $\frac{9}{4}$?

A 2.75

B 2.4

C 2.25

D 2.1

30 Add:

$$\frac{2}{5} + \frac{3}{10} =$$

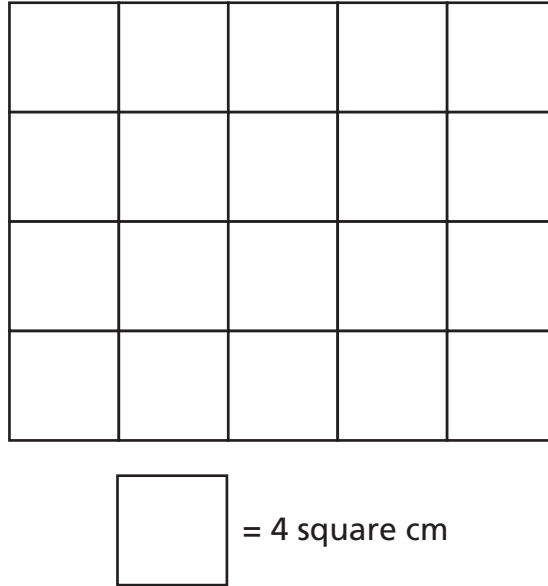
F $\frac{1}{3}$

G $\frac{7}{15}$

H $\frac{1}{2}$

J $\frac{7}{10}$

- 31** The figure below represents the dimensions of a notepad.



If each small square represents 4 square centimeters, what is the area of the notepad?

$$\text{Area} = \text{length} \times \text{width}$$

- A** 18 square centimeters
- B** 20 square centimeters
- C** 72 square centimeters
- D** 80 square centimeters

Go On ►

32 Divide: $805 \div 5 =$

F 161

G 155

H 107

J 101

33 Isabel planted beans in 0.8 of her garden. Which fraction is equivalent to 0.8?

A $\frac{1}{8}$

B $\frac{1}{5}$

C $\frac{1}{4}$















D $\frac{4}{5}$

- 34** The list below shows the number of each color of car in a parking lot at 11 A.M. on Thursday.





- There were 18 red cars.
- There were 16 blue cars.
- There were 6 white cars.
- There were 10 green cars.

The pictograph represents the information in the list.

Cars in Parking Lot

Red	    
Blue	   
White	 
Green	  

Which key correctly completes the pictograph?

- F** Each  means 5 cars.
- G** Each  means 4 cars.
- H** Each  means 3 cars.
- J** Each  means 2 cars.

35

The table below shows the number of computers sold at a store during three days of a sale.

Computer Sales

Day	Number of Computers Sold
Friday	324
Saturday	581
Sunday	456

According to the table, which is the best estimate of the total number of computers sold at this store during these three days?

- A** 1,200
- B** 1,300
- C** 1,400
- D** 1,500

36 How many angles on the figure below appear to be acute?



F 0

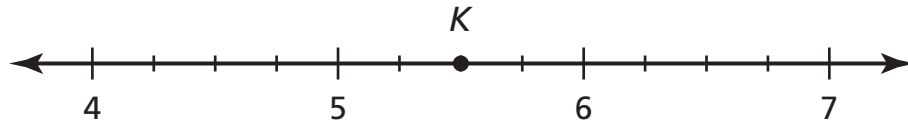
G 1

H 2

J 5

Go On ►

- 37** Which mixed number does Point K best represent on the number line below?



- A** $5\frac{1}{2}$
- B** $5\frac{3}{5}$
- C** $5\frac{2}{3}$
- D** $5\frac{3}{4}$

- 38** Subtract:

$$\frac{7}{12} - \frac{2}{4} =$$

- F** $\frac{1}{12}$
- G** $\frac{1}{8}$
- H** $\frac{5}{12}$
- J** $\frac{5}{8}$

- 39** A table in Mr. Prieto's workshop is exactly 6 feet long. How long is this table, in inches?

1 foot = 12 inches

- A** 2 inches
- B** 18 inches
- C** 62 inches
- D** 72 inches

- 40** Which of these numbers is a common multiple of 6 and 8?

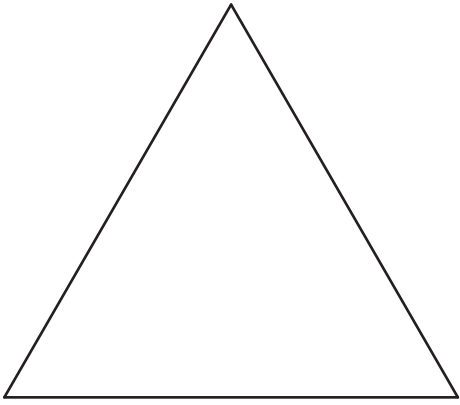
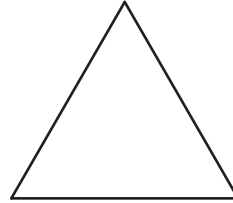
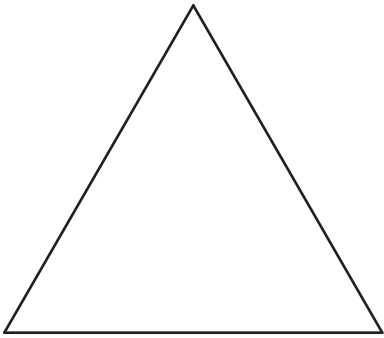
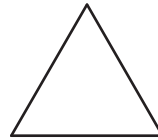
- F** 16
- G** 24
- H** 36
- J** 56

Go On ►



Use the centimeter side of your ruler to help you solve this problem.

Sonia drew a triangle with a length of 3 centimeters on each side. Quentin drew a triangle with a length that was 2 centimeters longer on each side. Which of these triangles could be Quentin's?

A**C****B****D**

42 A city received a total of 12.4 centimeters of rain in 1 week. How is the number 12.4 written in words?

- F** twelve and four hundredths
- G** one and twenty-four tenths
- H** one hundred twenty-four
- J** twelve and four tenths

43 Which number sentence is correct?

- A** $\frac{4}{6} = \frac{4}{8}$
- B** $\frac{2}{3} = \frac{3}{8}$
- C** $\frac{4}{6} = \frac{2}{3}$
- D** $\frac{4}{6} = \frac{2}{6}$

Go On ►

- 44** The table below shows the total number of batteries in different numbers of packages.

Packages of Batteries	
Number of Packages	Total Number of Batteries
3	12
6	24
9	36
12	48

Based on the table, what is one way to find the total number of batteries in 15 packages?

- F** multiply 15 by 4
- G** multiply 15 by 9
- H** add 15 and 9
- J** add 15 and 4

- 45** Marco wants to save \$75 to buy a tennis racket. If he saves \$5 each week, how many weeks will it take Marco to save \$75?

- A** 80 weeks
- B** 70 weeks
- C** 15 weeks
- D** 11 weeks

46 Linda measured the weight of a banana. Which of these is closest to the weight of a banana?

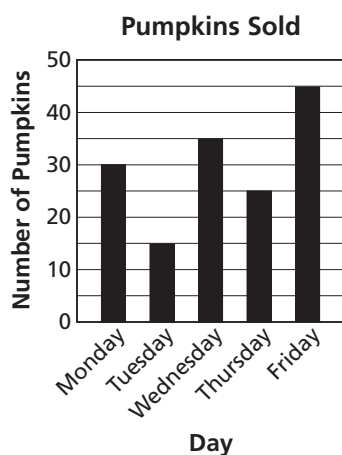
- F** 4 ounces
- G** 4 pounds
- H** 4 grams
- J** 4 kilograms

47 Which number is equivalent to $3\frac{7}{8}$?

- A** $\frac{59}{8}$
- B** $\frac{31}{8}$
- C** $\frac{29}{8}$
- D** $\frac{18}{8}$

Go On ►

- 48** The graph below shows the number of pumpkins Mrs. Jensen sold on each of 5 days on her farm.



Which table correctly matches the information in the graph?

F

Pumpkins Sold	
Day	Number of Pumpkins
Monday	30
Tuesday	10
Wednesday	30
Thursday	20
Friday	40

H

Pumpkins Sold	
Day	Number of Pumpkins
Monday	30
Tuesday	15
Wednesday	40
Thursday	25
Friday	50

G

Pumpkins Sold	
Day	Number of Pumpkins
Monday	30
Tuesday	15
Wednesday	35
Thursday	25
Friday	45

J

Pumpkins Sold	
Day	Number of Pumpkins
Monday	30
Tuesday	20
Wednesday	40
Thursday	30
Friday	50

- 49** A cook uses 3 gallons of chicken broth to make a pot of soup. How many quarts of chicken broth does the cook use?

$1 \text{ gallon} = 4 \text{ quarts}$

- A** 7 quarts
 - B** 8 quarts
 - C** 12 quarts
 - D** 13 quarts
- 50** Which number sentence can be used to check that $11 \times 7 = 70 + 7$?
- F** $11 \times 7 = (10 \times 7) \times (1 \times 7)$
 - G** $11 \times 7 = (10 \times 7) + (1 \times 7)$
 - H** $11 \times 7 = (10 + 7) \times (1 + 7)$
 - J** $11 \times 7 = (10 + 7) + (1 + 7)$

51 Multiply: $74 \times 35 =$

A 2,670

B 2,590

C 592

D 562

52 Which of these numbers has a 6 in the hundreds place?

F 2,064

G 4,526

H 6,400

J 9,620

53

The table below shows the number of times each of 5 players practiced tennis last month.

Tennis Practices

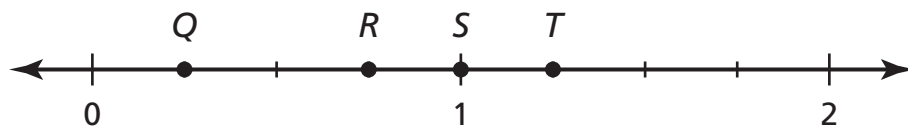
Name	Number of Times Practiced
Jackie	32
Frank	18
Debbie	8
Gabriel	24
Peter	3

According to the table, how many more times did Gabriel practice than Debbie and Peter combined?

- A** 35
- B** 21
- C** 13
- D** 11

Go On ►

- 54** Which point best represents $1\frac{1}{4}$ on the number line below?

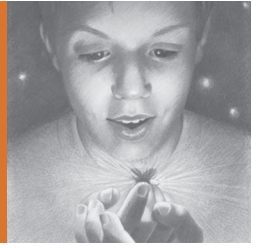


- F** *Q*
G *R*
H *S*
J *T*
- 55** Miguel bought 6.5 gallons of gasoline. He used 3.8 gallons of this gasoline. How many gallons of this gasoline did Miguel have left?
- A** 3.7
B 3.3
C 2.7
D 2.3

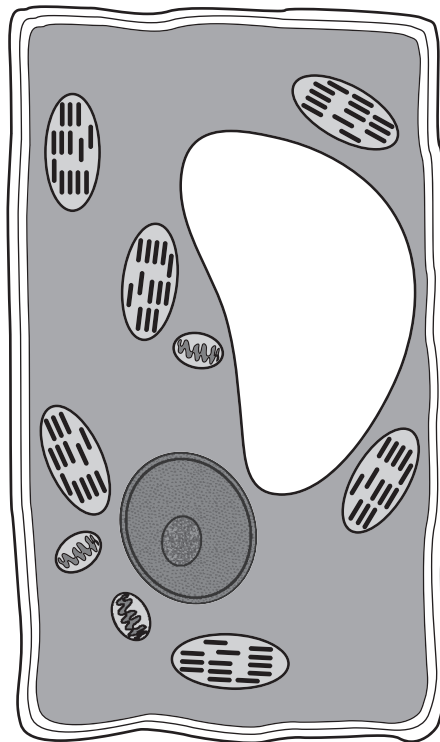
STOP 

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- 1** A diagram of a plant cell is shown below.



Which part is only found in plant cells?

- A** nucleus
- B** vacuole
- C** chloroplast
- D** cytoplasm

Go On ►

2 Students used a thermometer to measure the temperature of a liquid after being heated in the sun for two hours. Which units would the students use to record the temperature?

- F** degrees Celsius
- G** centimeters
- H** milliliters
- J** grams

3 A picture of a bat is shown.



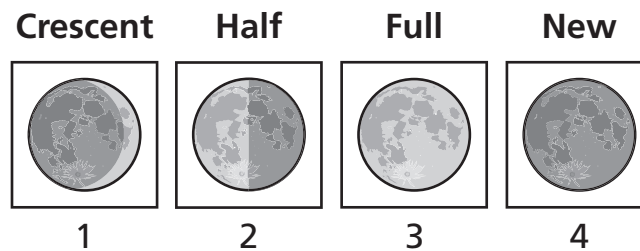
Bats use soundwaves that bounce off objects. The bats' large ears most likely help them

- A** keep cool.
- B** breathe air.
- C** hide from predators.
- D** find food sources.

4 What causes water in a stream to flow downhill?

- F** wind
- G** friction
- H** gravity
- J** resistance

5 Four phases of the moon are shown below.



Which correctly sequences the phases of the moon shown?

- A** 3-4-2-1
- B** 2-1-4-3
- C** 1-3-4-2
- D** 4-1-3-2

- 6** The distance four cars traveled during the same length of time is shown in the chart below.

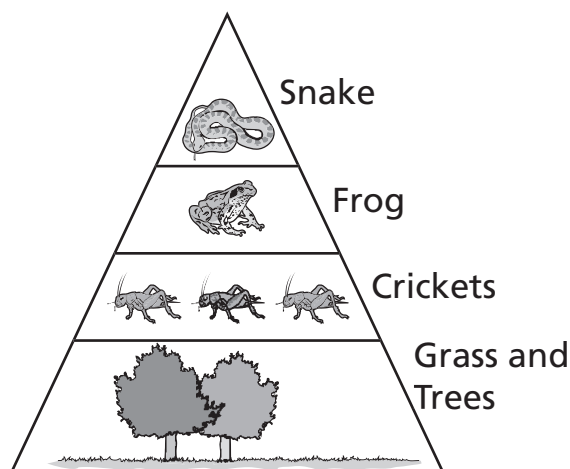
Car Traveling Data

Car	Distance to Point 1 (km)	Distance to Point 2 (km)
J	50	50
K	100	50
L	200	25
M	75	25

Based on the data in the table, which car traveled the fastest?

- F** Car J
- G** Car K
- H** Car L
- J** Car M

- 7** An energy pyramid is shown below.



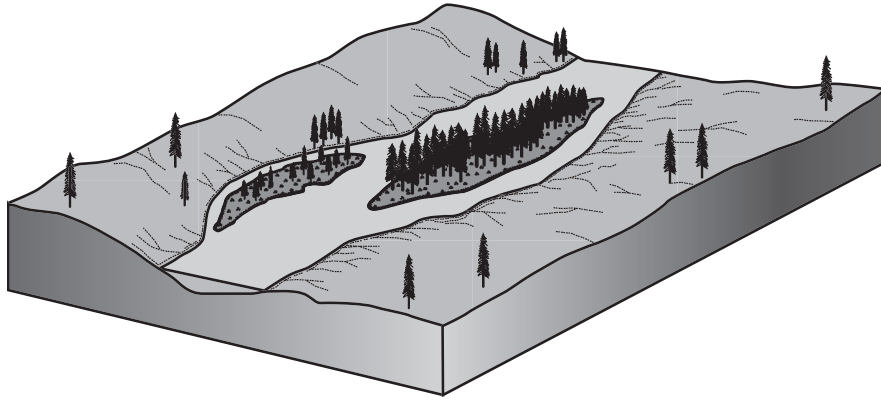
According to the energy pyramid, the snake is classified as

- A** an herbivore.
- B** an omnivore.
- C** a producer.
- D** a carnivore.

- 8** Steller's sea cow is an extinct species that was found in the Arctic waters in the 1700s. The sea cow skins were used to make boats. The sea cow's fat was used to burn in oil lamps and for food. What is the most likely reason that Steller's sea cow is extinct?

- F** Its food ran out.
- G** It was over-hunted.
- H** It became too warm.
- J** Its habitat was destroyed.

9 The drawing shows a model of the surface of Earth.



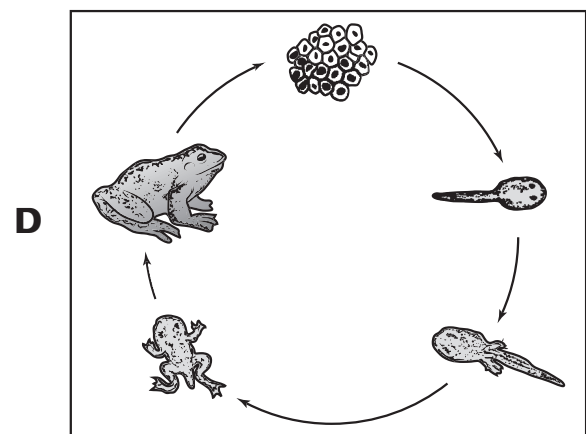
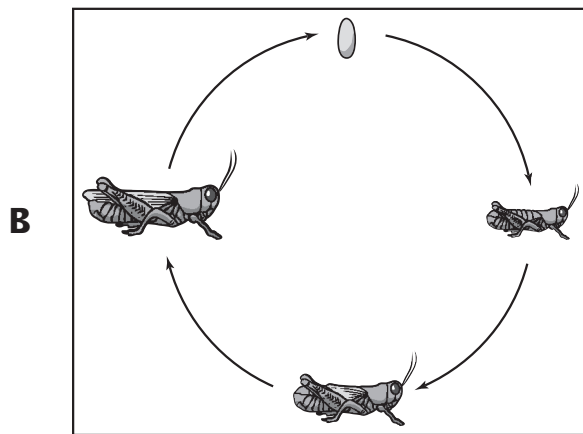
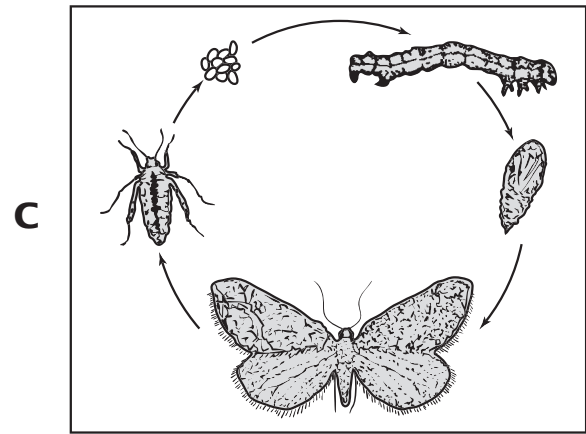
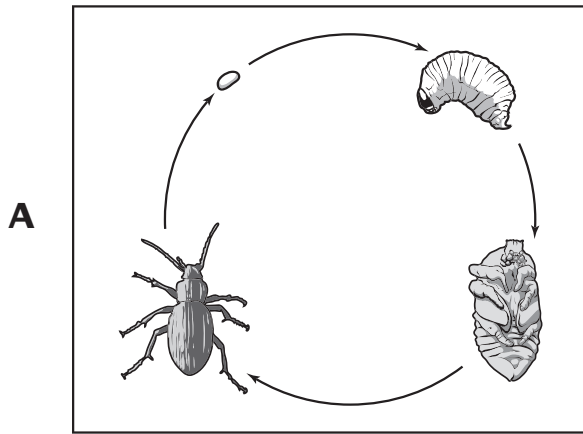
The erosion that has occurred is most likely caused by

- A** the movement of water.
- B** the movement of rocks.
- C** the movement of animals.
- D** the movement of glaciers.

10 Which best describes the change in an ice cube when it melts?

- F** It changes from a liquid to a solid.
- G** It changes from a solid to a liquid.
- H** It changes from a liquid to a gas.
- J** It changes from a gas to a solid.

11 Which diagram shows an organism that has a life cycle of incomplete metamorphosis?



Go On ►

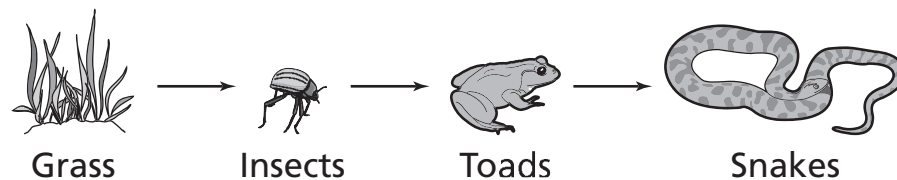
12 A student connected some wire to a battery and a small bulb to make a simple circuit. Energy from the battery is changed into electricity in the circuit. What type of energy is stored in the battery?

- F** chemical
- G** nuclear
- H** heat
- J** light

13 Some students want to conduct an experiment to test electrical charges. They have some small pieces of paper and a plastic straw. Which activity will show an electrical charge between the two materials?

- A** Rub the pieces of paper together and blow on them through the straw.
- B** Rub the straw on hair and hold it close to the pieces of paper.
- C** Wet the pieces of paper with the straw.
- D** Hold the pieces of paper over the straw.

14 A food chain is shown in the diagram below.

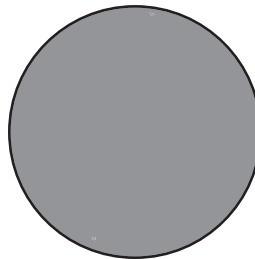


What would happen if the snakes were removed from this food chain?

- F** The toad population would decrease.
- G** There would be less grass for the insects to eat.
- H** The insect population would increase.
- J** The toad population would increase.

- 15** A long time ago scientists could not study animal cells because they could not see their small parts. What tool is used to see the small parts of cells today?
- A** balance
 - B** telescope
 - C** microscope
 - D** thermometer

- 16** The picture below shows a phase of the moon.



New Moon

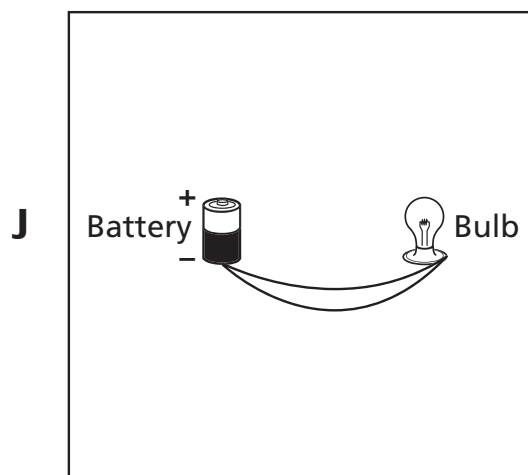
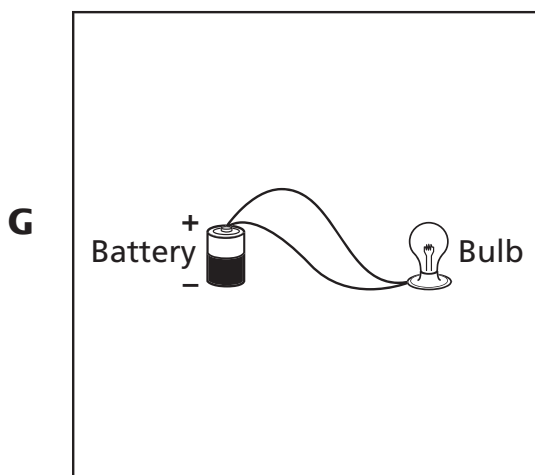
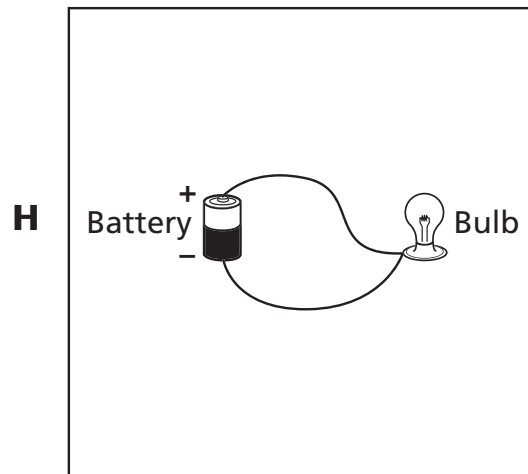
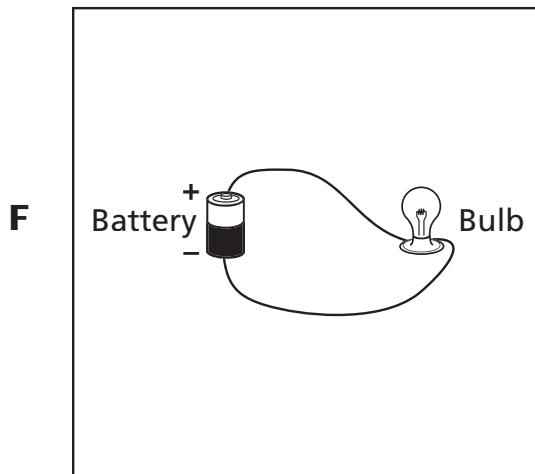
What causes this phase of the moon?

- F** The moon is orbiting around the sun.
- G** The sun is rotating around Earth.
- H** Earth is between the sun and the moon.
- J** The moon is between Earth and the sun.

17 Today glaciers are melting faster than in the past because air temperatures surrounding them have increased over the years. The temperature around glaciers over a period of years is best described as

- A** weather.
- B** climate.
- C** precipitation.
- D** air pressure.

18 Which diagram shows a complete electrical circuit?



- 19** Students want to find out if fresh water or salt water will come to a boil faster. Which investigation will best help the students answer this question?

A

Salt Water

250 mL

Hot Plate

Fresh Water

250 mL

Hot Plate

B

Salt Water

250 mL

Hot Plate

Stopwatch

Fresh Water

250 mL

Hot Plate

Stopwatch

C

Salt Water

250 mL

Hot Plate

Fresh Water

125 mL

Hot Plate

D

Salt Water

250 mL

Hot Plate

Thermometer

Fresh Water

250 mL

Hot Plate

Thermometer

20 Which process forms clouds?

- F** runoff
- G** snowing
- H** condensation
- J** precipitation

21 A photo of a lamp is shown below.



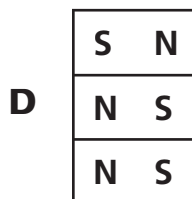
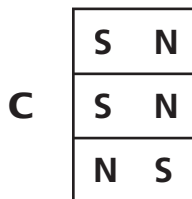
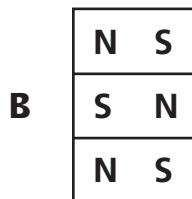
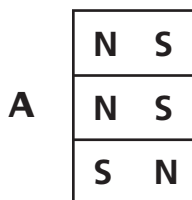
Which type of energy is being produced?

- A** light
- B** nuclear
- C** chemical
- D** mechanical

22 Which process is most responsible for passing on traits needed for survival?

- F** digestion
- G** growth
- H** metamorphosis
- J** reproduction

23 A student stacked three magnets on each other. Which diagram shows the three magnets attracted to each other?



24 Which material is used as a source of heat to help people keep warm when it is cold?

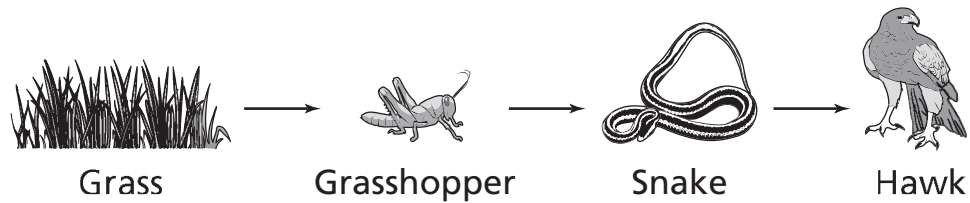
- F** iron
- G** gold
- H** diamonds
- J** natural gas

25 Four people drove their cars to the ends of different roads. If each person took five minutes, which person traveled the slowest?

Student Name	Distance (miles)
Pete	3
Susan	$3\frac{1}{2}$
John	$2\frac{1}{2}$
Kate	2

- A** Pete
- B** Susan
- C** John
- D** Kate

- 26** The diagram below shows a food chain.



If a population of rabbits was introduced to this food chain, which of these would most likely happen?

- F** The grass would grow longer.
- G** The population of snakes would increase.
- H** The population of hawks would become extinct.
- J** The population of grasshoppers would have less to eat.

- 27** Some students want to measure water's boiling point. Which tool will best measure the boiling point of water?

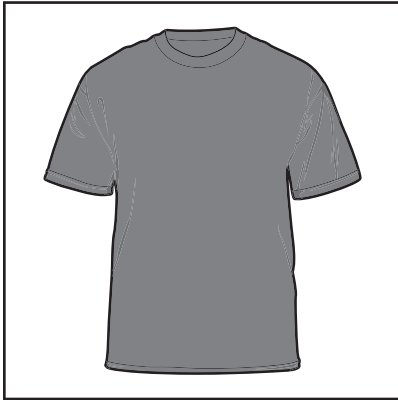
- A** thermometer
- B** balance
- C** stopwatch
- D** meter stick

- 28** Which statement best describes climate?

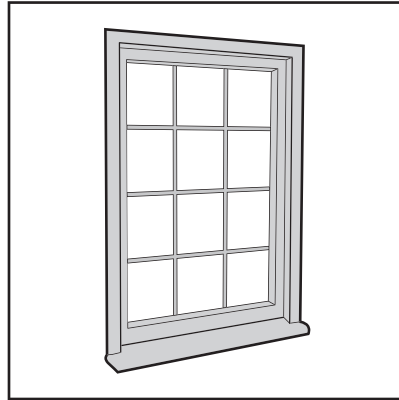
- F** The yearly rainfall average for Nashville, Tennessee, is 122 cm.
- G** Knoxville, Tennessee, had 10.2 centimeters of rain today.
- H** Memphis, Tennessee, had 7.6 centimeters of rain in October.
- J** The temperature was 10°C in Jackson, Tennessee, on Monday.

29 Which object shown below is most likely transparent?

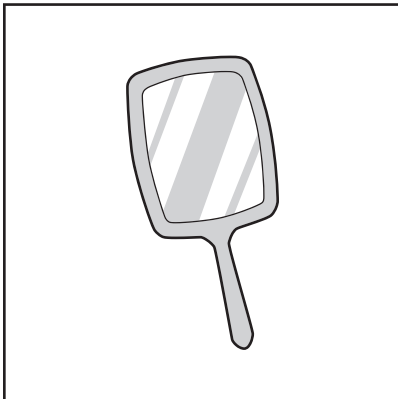
A



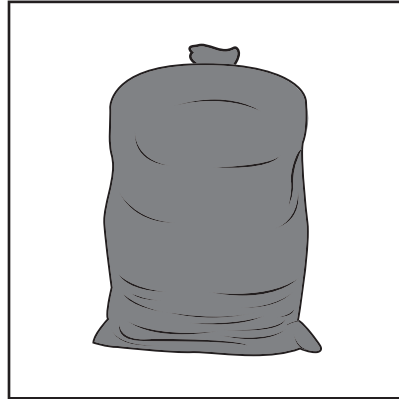
C



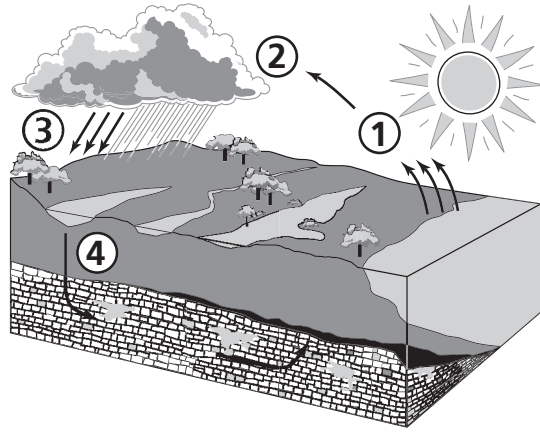
B



D



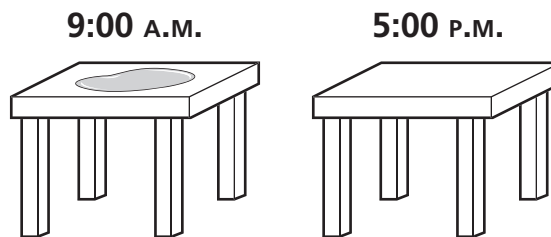
- 30** A diagram of the water cycle is shown.



Which process occurs at number 3?

- F** condensation
- G** precipitation
- H** evaporation
- J** runoff

- 31** Study the drawing of a classroom investigation shown below.



What most likely caused the water on the table to evaporate?

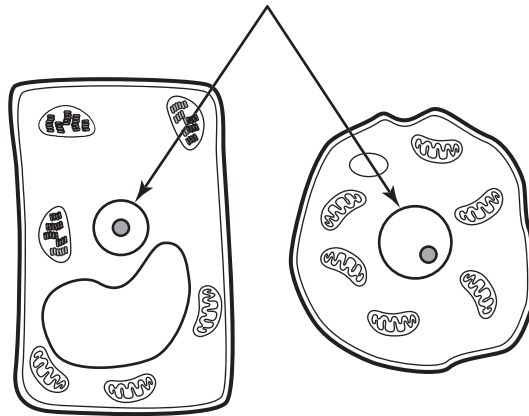
- A** heat
- B** wind
- C** gravity
- D** light

Go On ►

32 Aluminum is an Earth material that is strong and lightweight. How has aluminum most likely been used to improve transportation?

- F** building railroad tracks
- G** fueling automobiles
- H** paving roads
- J** making airplanes

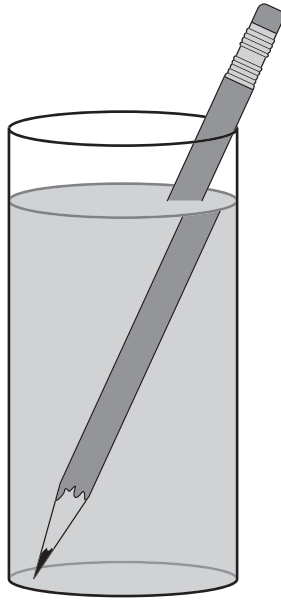
33 A diagram of a plant and an animal cell is shown below.



Which structures are the arrows pointing to that plant and animal cells have in common?

- A** cell walls
- B** nuclei
- C** chloroplasts
- D** chlorophyll

34 Look at the picture below.



What causes the pencil to appear broken when placed in a glass of water?

- F** light being absorbed
- G** light being reflected
- H** light being created
- J** light being refracted

Go On ►

35 A load is easier to move using the machine below.



Which of these was reduced by using the wheelbarrow to move the soil?

- A** friction
- B** gravity
- C** air pressure
- D** air resistance

STOP 

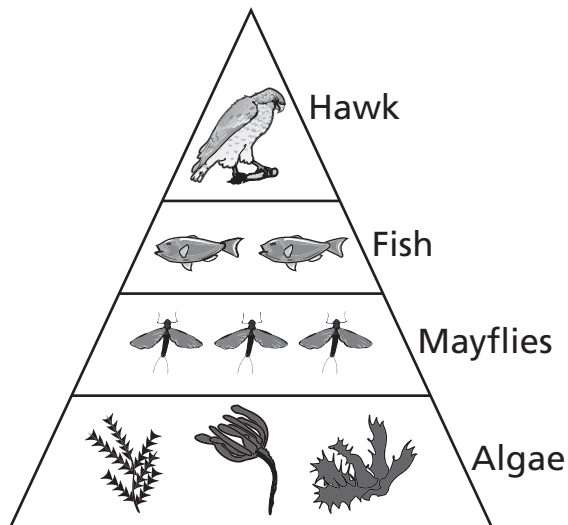
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Part 2

36 Giraffes have long, slim necks. This adaptation helps the animals survive because the giraffes can

- F** run faster.
- G** lead the herd.
- H** reach more food.
- J** drink more water.

37 An energy pyramid is shown below.



Which organisms are producers?

- A** Hawks
- B** Fish
- C** Mayflies
- D** Algae

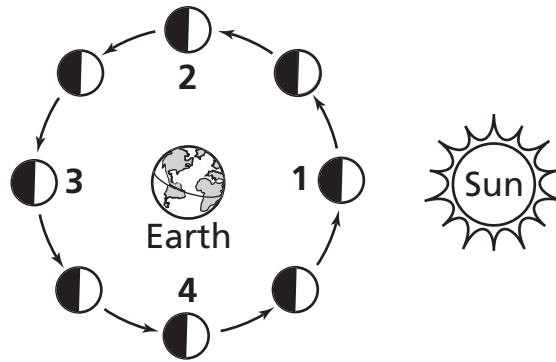
38 A glass of water is left outside on a sunny day. What will most likely happen to the water?

- F** It will change shape.
- G** It will condense.
- H** It will evaporate.
- J** It will boil.

39 The spruce-fir moss spider is an endangered animal that lives in moss under some fir trees. The trees keep the moss from getting too dry from the sun or too wet from the rain. Which is the most likely reason the spruce-fir moss spider is an endangered animal?

- A** Large amounts of fir trees were destroyed.
- B** The number of spider predators decreased.
- C** Moss began growing on the trees.
- D** The deer population in the forest increased.

40 A diagram of the sun-Earth-moon system is shown below.



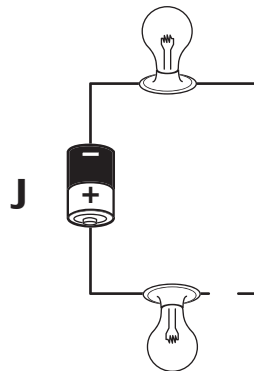
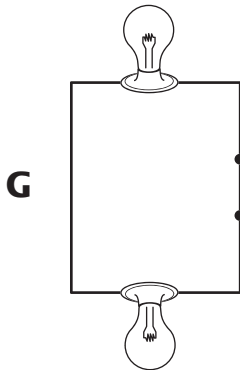
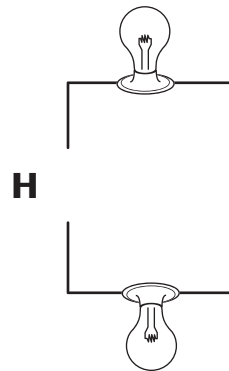
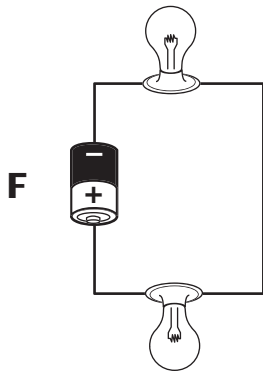
In which position would the moon be to see a full moon on Earth?

- F** 1
- G** 2
- H** 3
- J** 4

41 Some eagles eat fish that contain chemicals from polluted water. Some chemicals cause eagle eggs to have thin shells that break easily. Which will most likely happen to eagles that live near water pollution?

- A** They will move to an area that has more dry land.
- B** They will eat other foods instead of fish.
- C** More birds will migrate south.
- D** Fewer young will survive.

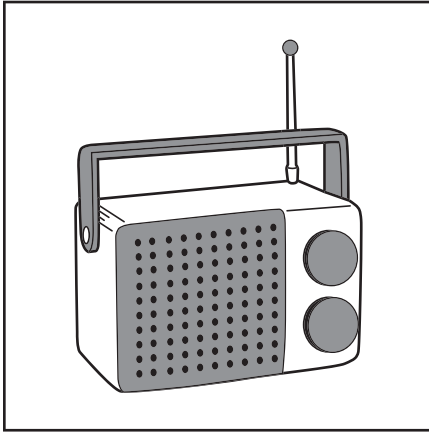
42 Which best shows a complete circuit?



43

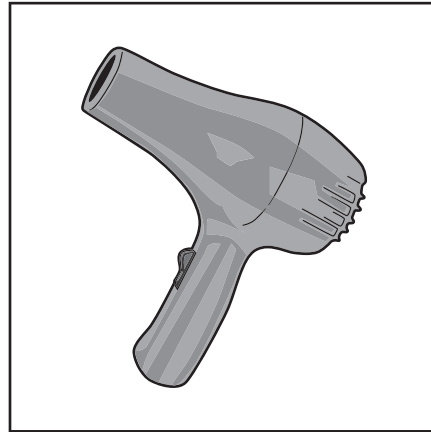
Scientists have discovered that a type of plastic is an effective insulator to block heat. What tool was developed as a result of this discovery?

A



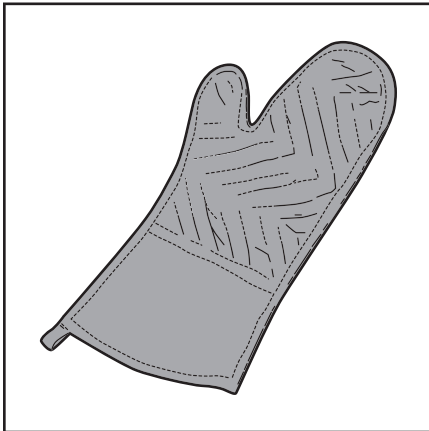
Radio

C



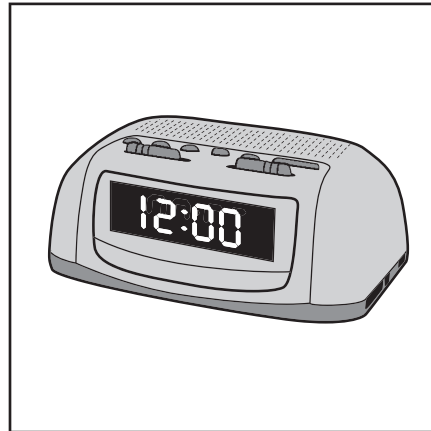
Hair Dryer

B



Oven Mitt

D

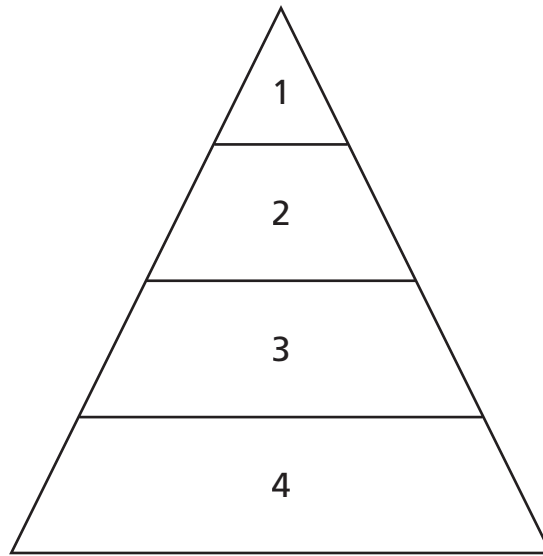


Digital Clock

44 Students need to build a model that shows how wind can change the surface of Earth. Which model best shows wind erosion?

- F** pouring water over a pile of rocks
- G** digging in soil with a shovel
- H** spraying water over a tray of soil
- J** blowing air over a pile of sand

45 Study the following energy pyramid.

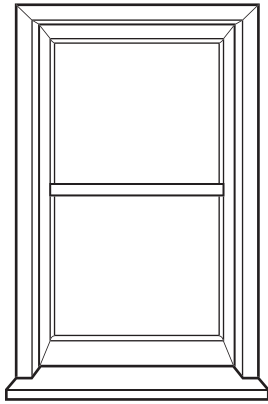


Rabbits are animals that eat plants. Where in the energy pyramid would a rabbit belong?

- A** 1
- B** 2
- C** 3
- D** 4

46 Which object is most likely opaque?

F



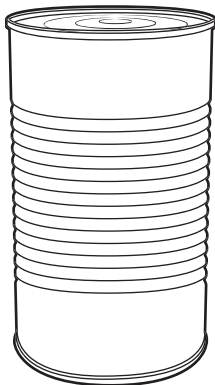
Window

H



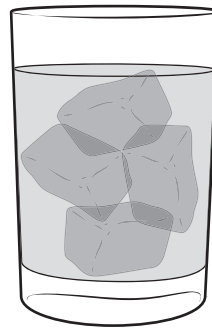
Jar

G



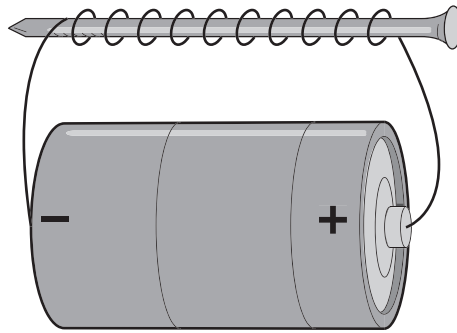
Can

J



Drinking Glass

- 47** Students made an electromagnet by wrapping a wire around an iron nail and attaching the wire to a battery as shown below.



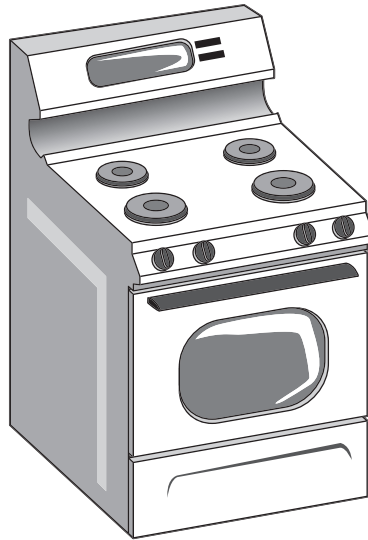
Which object will be attracted to the electromagnet?

- A** metal bar
 - B** plastic fork
 - C** ceramic mug
 - D** wooden ruler
- 48** Polar bears are found where it is very cold. The thick fur of a polar bear most likely helps it survive by
- F** keeping it warm.
 - G** helping it find food.
 - H** taking in extra oxygen.
 - J** protecting it from predators.

49 Skyscrapers are tall buildings built to save space in cities. These buildings are made of materials that will hold heavy weights and last for hundreds of years. Which material is best for building skyscrapers?

- A** plastic
- B** coal
- C** rubber
- D** steel

50 Ovens are designed to cook and bake food.



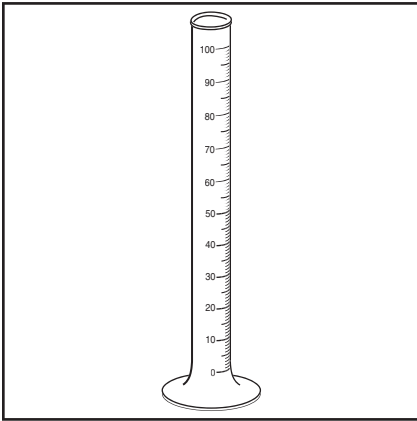
What type of energy is used to cook food in an oven?

- F** heat
- G** solar
- H** nuclear
- J** mechanical

51

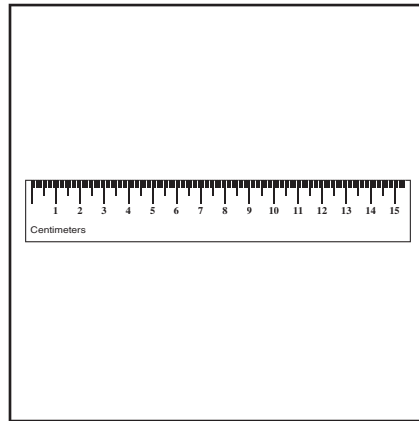
Students compared the properties of pine cones. Which tool would best help the students measure the mass of the pine cones?

A



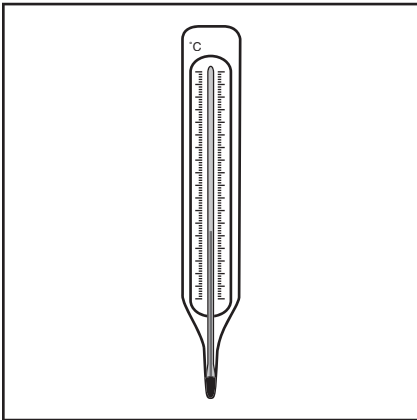
Graduated Cylinder

C



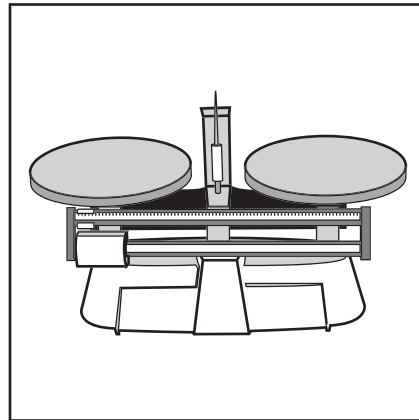
Metric Ruler

B



Thermometer

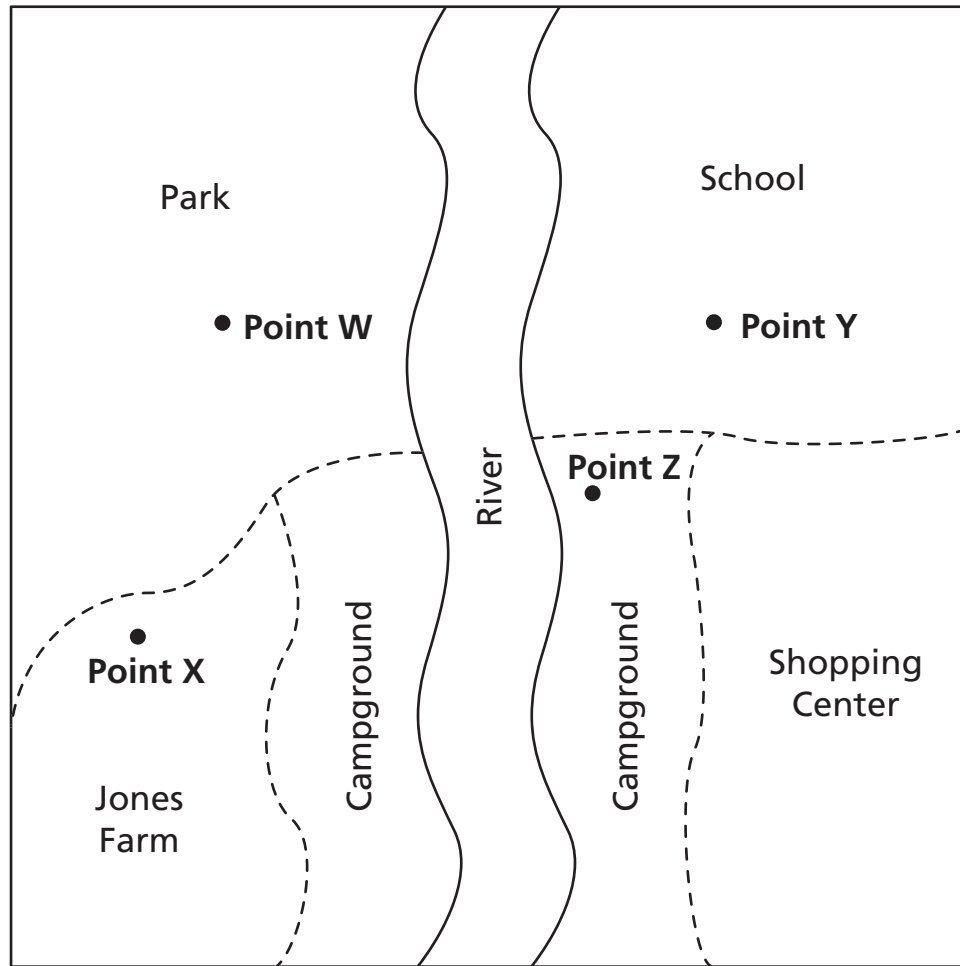
D



Pan Balance

Go On ►

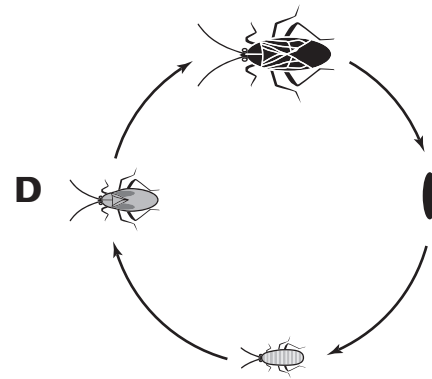
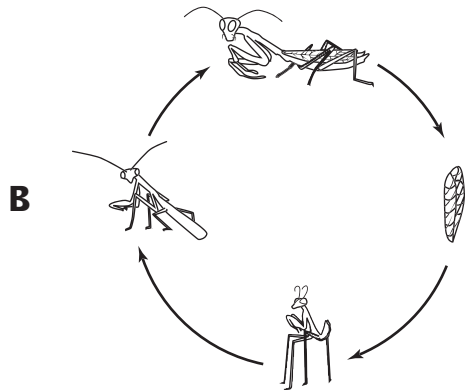
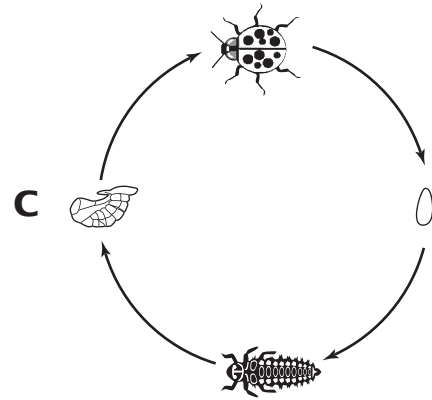
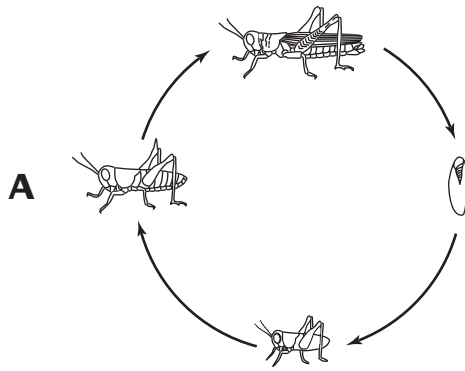
52 A map is shown below.



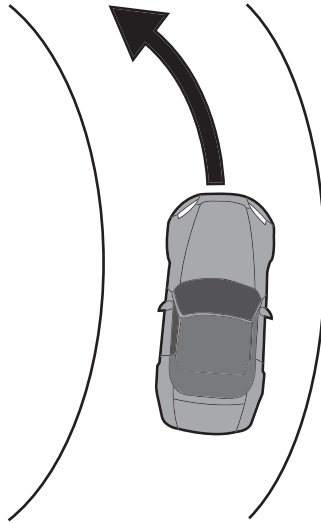
Which location is farthest from the river?

- F** Point W
- G** Point X
- H** Point Y
- J** Point Z

53 Which diagram shows complete metamorphosis?



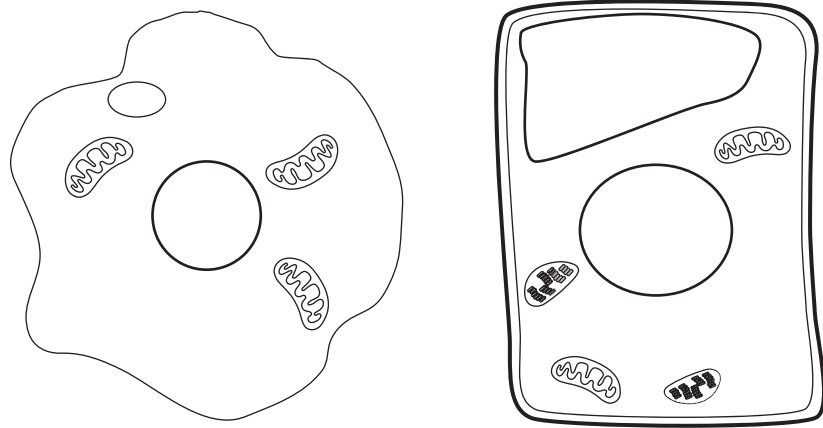
54 A car is making a sharp turn on a road.



Which factor keeps the car from going off the road?

- F** speed
- G** air pressure
- H** friction
- J** mass

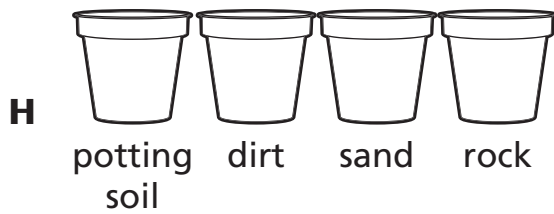
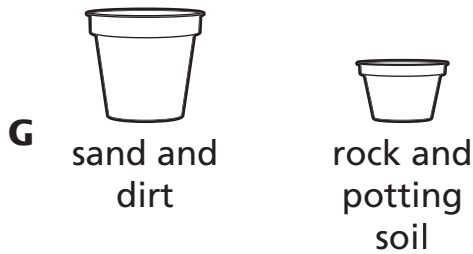
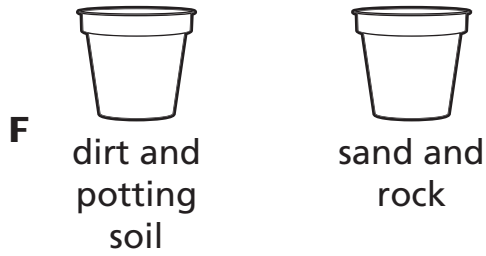
- 55** A diagram of a plant and animal cell is shown below.



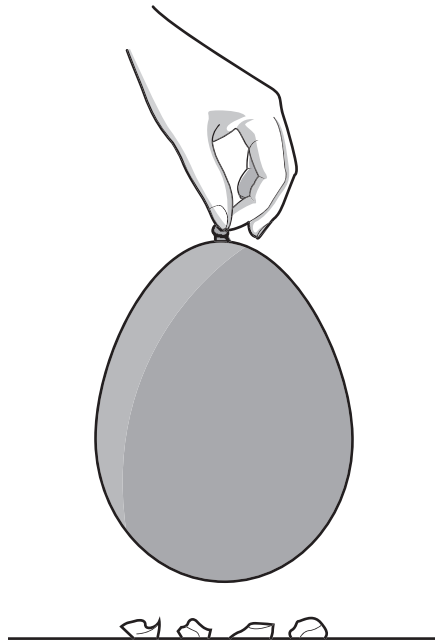
Which part of a cell is found in plant cells but not in animal cells?

- A** cell membrane
- B** cell wall
- C** nucleus
- D** vacuole

- 56** A group of students wanted to find out if the type of soil affected the rate at which corn plants would grow. Which investigation would best help the students answer this question?



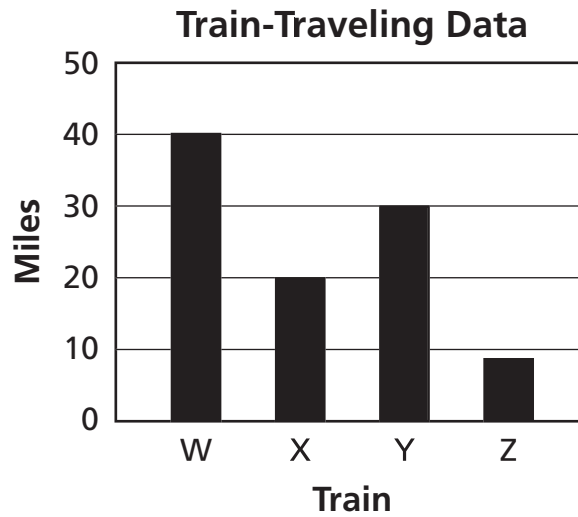
- 57** A student rubbed a balloon on her head. The student then held the electrically charged balloon over some small pieces of paper.



What will most likely happen to the small pieces of paper?

- A** The pieces will stick to the table.
- B** The pieces will scatter around the table.
- C** The pieces will be attracted to the balloon.
- D** The pieces will move away from the balloon.

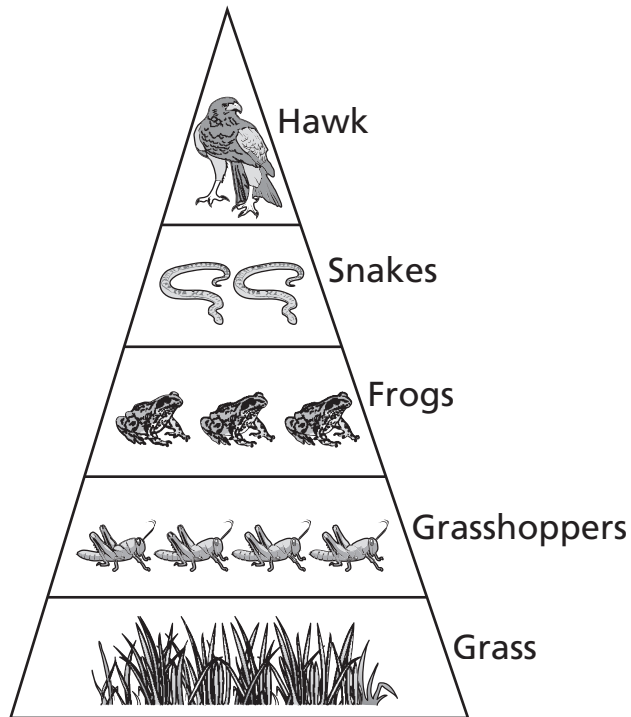
- 58** The graph shows the distance that four different trains traveled.



If each train traveled for four hours, which train traveled at the fastest speed?

- F** Train W
- G** Train X
- H** Train Y
- J** Train Z

59 The diagram shows an energy pyramid.

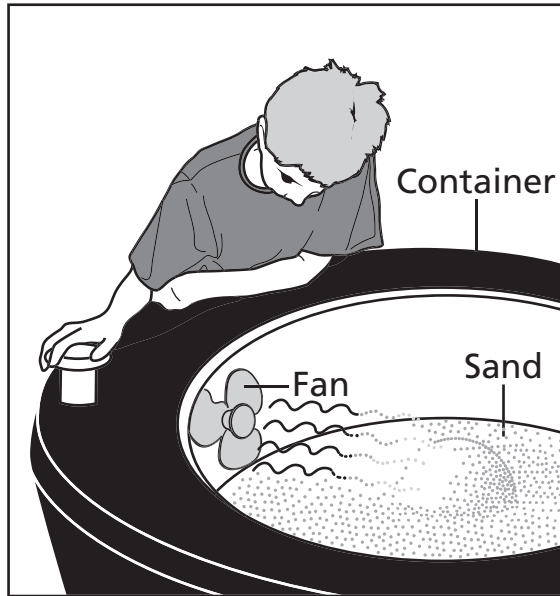


Which organism gets its energy directly from the grasshopper?

- A** Hawk
- B** Snake
- C** Frog
- D** Grass

Go On ►

60 The following model was set up at a local science museum.



What type of erosion is the student most likely observing with this model?

- F** wind erosion
- G** water erosion
- H** soil erosion
- J** rock erosion

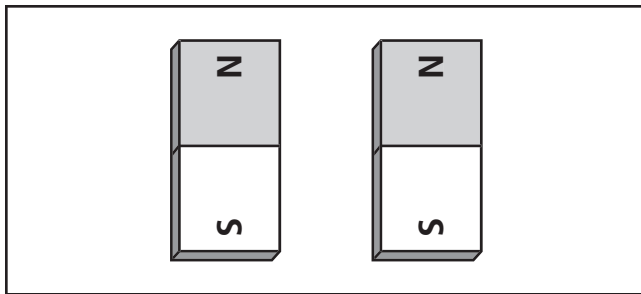
61 Which factor most likely prevents a deer population from growing too large in a forest ecosystem?

- A** the age of the trees
- B** the amount of oxygen
- C** the amount of sunlight
- D** the number of predators

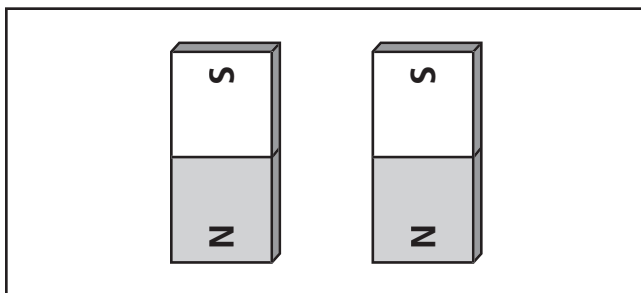
- 62** Students are collecting data for the number of days it has rained in the past month. The number of rainy days would be an example of
- F** season.
 - G** climate.
 - H** weather.
 - J** temperature.

63 Which diagram shows magnets that attract each other?

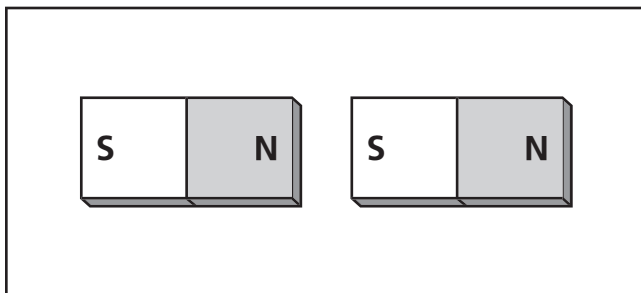
A



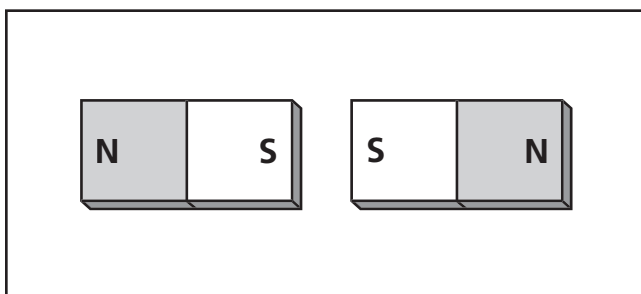
B



C



D



64 Which tool should be used to measure the volume of water?

- F** ruler
- G** balance scale
- H** thermometer
- J** graduated cylinder




Go On ►

65 A diagram of a moon phase is shown.





Which shows the correct order of the moon phases that would follow?

A

		
First Quarter	Full Moon	Crescent Moon

B

		
First Quarter	Full Moon	Last Quarter

C

		
Full Moon	Crescent Moon	First Quarter

D

		
Crescent Moon	Full Moon	First Quarter

66 The local forecast predicts it will be cold and rainy. Which term best describes this information?

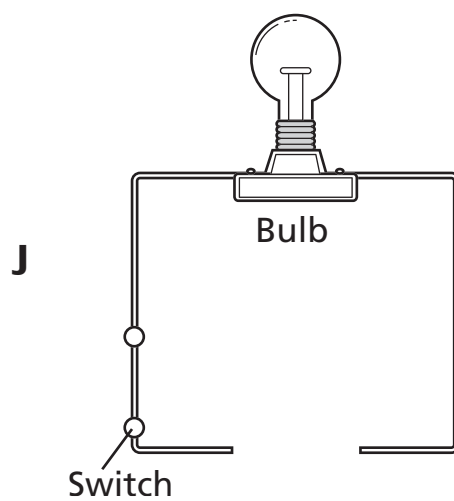
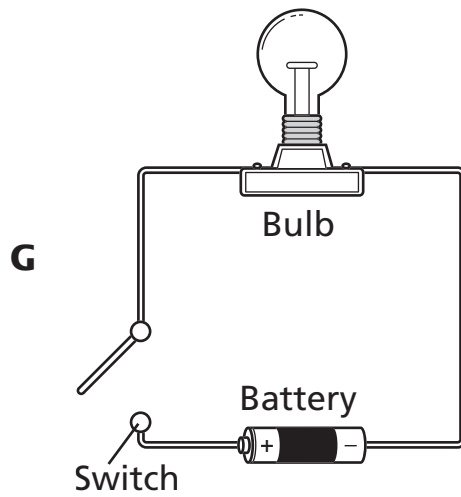
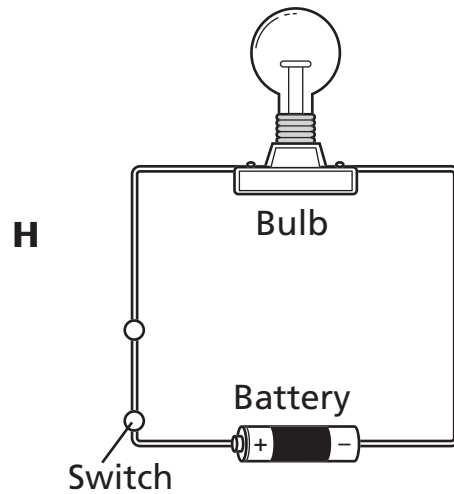
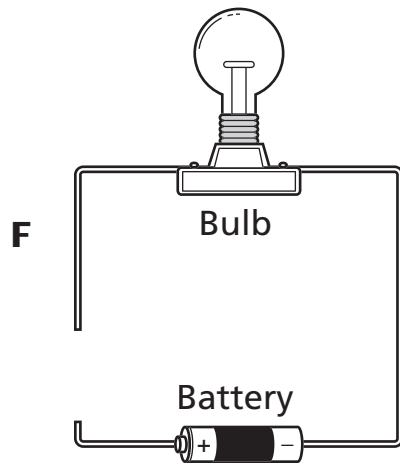
- F** season
- G** weather
- H** climate
- J** habitat

67 Which units are best to use when measuring the volume of cooking oil?

- A** meters
- B** centimeters
- C** centigrams
- D** milliliters

Go On ►

68 Which diagram below shows a closed circuit?



69 Which object is most likely transparent?

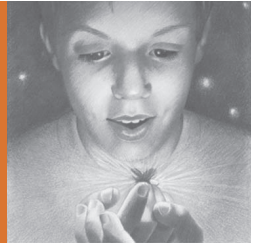
- A** black shirt
- B** glass window
- C** wooden door
- D** metal cabinet

STOP 

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Social Studies



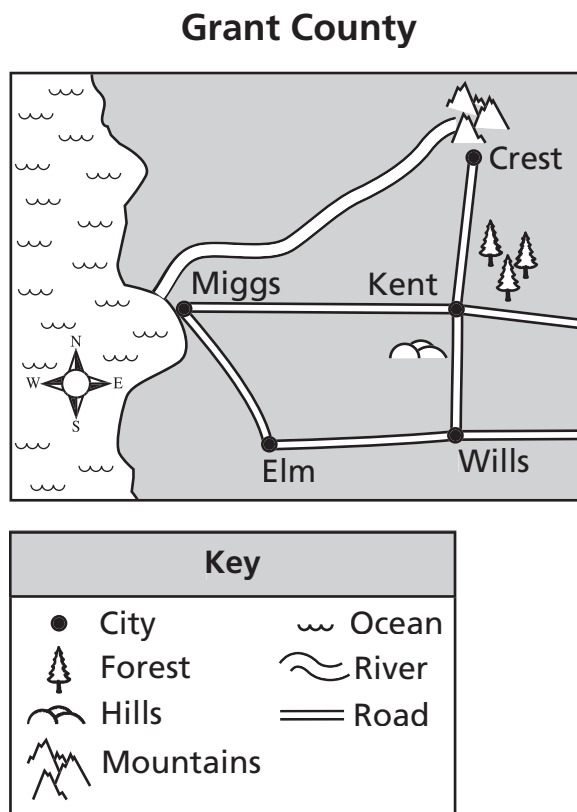
Part 1

- 1** Which action is an example of a person using a money system?
- A** Max receives a holiday card from Jasmine.
 - B** Sonia gives her extra fruit cup to a new friend.
 - C** Michelle trades a baseball card for Jacob's football card.
 - D** Ricardo pays forty dollars for a new basketball.
- 2** Which sentence explains one reason for writing the United States Constitution?
- F** The government had no judicial branch.
 - G** There was only one form of currency.
 - H** Taxes were owed by large companies.
 - J** The country was divided over slavery.
- 3** Which Native American group lived in present-day Tennessee before it was colonized by Europeans?
- A** Aztec
 - B** Creek
 - C** Olmec
 - D** Sioux

Go On ►

Directions

Use the map below and your own knowledge to do Number 4.



4 Kent is located nearest to

- F** a river.
- G** a forest.
- H** a mountain.
- J** an ocean.

5 Which part of the federal government decides if a law follows the U.S. Constitution?

- A** the Senate
- B** the President
- C** the Supreme Court
- D** the House of Representatives

6 Which of these famous Tennessee citizens became a president of the United States?

- F** John Sevier
- G** Sam Houston
- H** James Polk
- J** David Crockett

7 If there is a drop in a lumber company's wood supply, the company can raise the price of wood to

- A** build more wooden sheds.
- B** lower the cost of painted wood.
- C** hire more workers to saw wood.
- D** lower the demand for wood.

Go On ►

8 Many plantation owners wanted slavery to stay legal because slaves

- F** provided a cheap source of labor.
- G** were needed to work in factories.
- H** were skilled in selling crops to local businesses.
- J** provided plantation owners with the newest farming tools available.

transportation boundaries food and water source

9 Which geographic feature provides the needs listed above?

- A** deserts
- B** mountains
- C** plains
- D** rivers

Directions

Use the map below and your own knowledge to do Numbers 10 and 11.

Some Cities in North America

10 Which of these cities is located at about 32°N and 80°W?

- F** Boston
- G** Charleston
- H** Philadelphia
- J** Toronto

11 Which of these best describes the location of Washington, D.C.?

- A** 38°N and 77°W
- B** 42°N and 71°W
- C** 40°N and 75°W
- D** 43°N and 79°W

Go On ►

12 Before the American Revolution, colonists protested laws which forced them to provide British soldiers with

- F** maps.
- G** cannons.
- H** housing.
- J** clothing.

13 Which European group settled in Florida in the 1500s?

- A** Dutch
- B** French
- C** German
- D** Spanish

Directions

Use the passage below and your own knowledge to do Numbers 14 and 15.

**Report on the General Conditions and Needs of
the Missions of Upper California**

It is of the greatest importance that the missions be provided with laborers, to farm the land, and so raise crops. . . .

As regards our food supply . . . our sufferings are great. . . .

[The poor men] have practically not tasted any other meat than what they obtained from the [Native Americans] or from hunting.

—Father Junipero Serra

14 Which problem is described in the passage?

- F** living in cold weather
- G** getting enough to eat
- H** fighting native warriors
- J** traveling in rough country

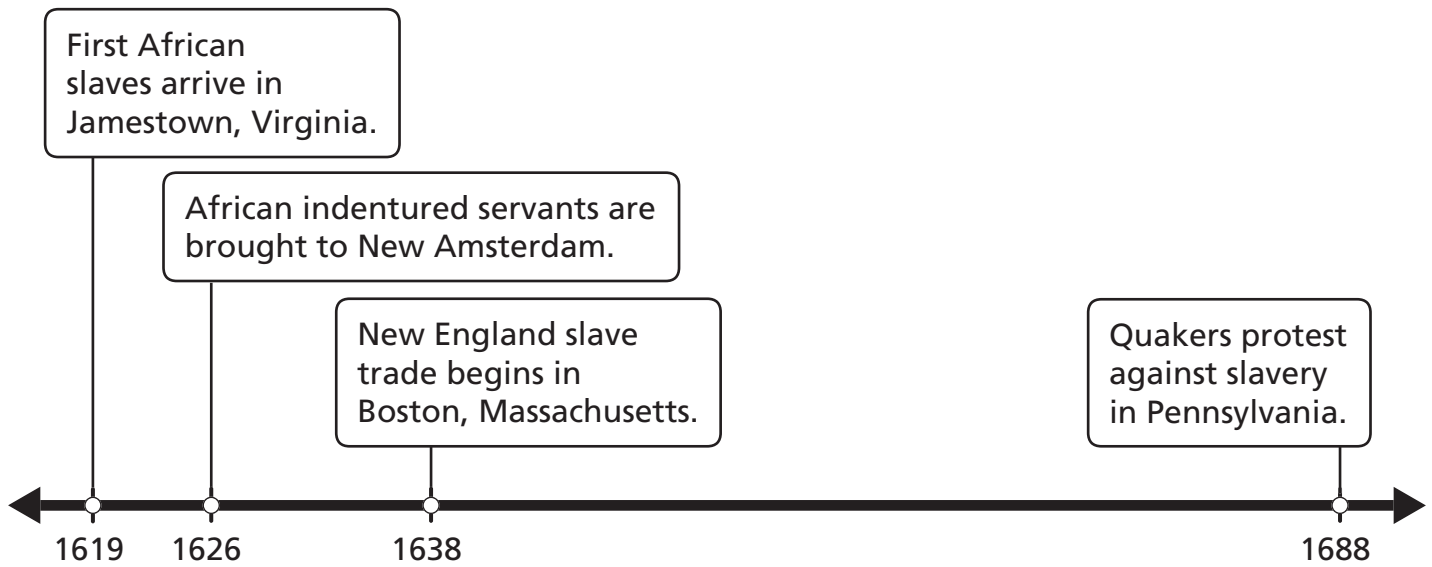
15 What country sent Father Serra to establish the missions?

- A** England
- B** France
- C** Holland
- D** Spain

Go On ►

Directions

Use the timeline below and your own knowledge to do Numbers 16 and 17.



Note: Dates are approximate.

16 According to the timeline, when did the slave trade begin in New England?

- F** 1619
- G** 1626
- H** 1638
- J** 1688

17 What does the timeline say about slavery in the colonies between 1619 and 1688?

- A** Slaves were used only on large plantations.
- B** There was slavery throughout the colonies.
- C** It was always against the law to own slaves.
- D** All people in the colonies approved of slavery.

18 Which of these settlements was built on the Charles River?

- F** Jamestown
- G** Santa Fe
- H** Boston
- J** St. Augustine



Congress

- Passes laws
- Approves Justices for the Supreme Court

Supreme Court

?

19 Which phrase best completes this diagram?

- A** Decides if laws follow the Constitution
- B** Suggests new laws
- C** Decides the number of judges
- D** Makes separate courts

Go On ►

20 Which is the main reason French settlers came to Tennessee in the 1700s?

- F** to mine coal
- G** to raise tobacco
- H** to trade furs
- J** to cut lumber

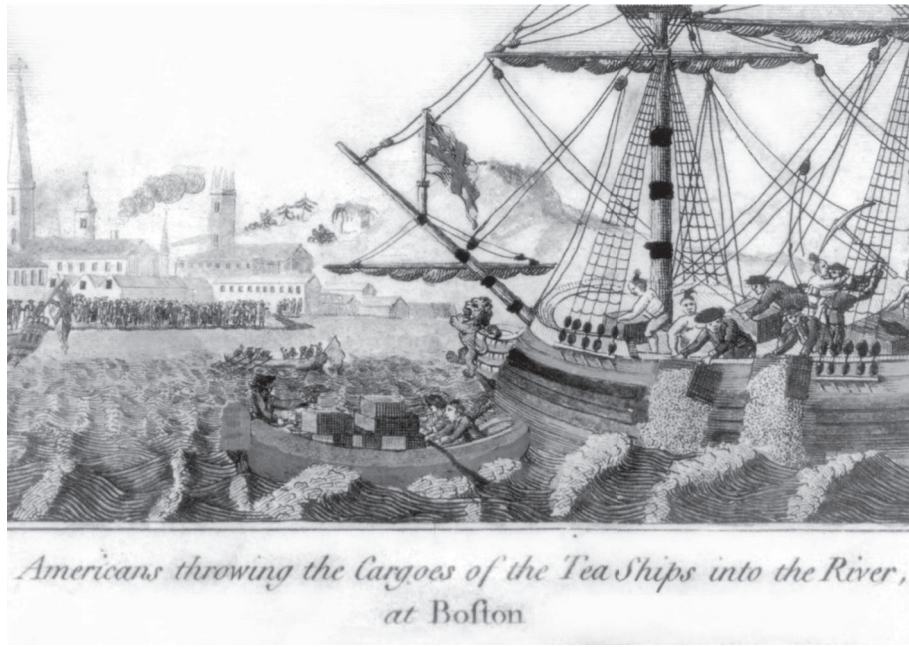
Reports . . . contained such . . . messages as: "Cholera broke out . . ." and "489 persons from 800 arrived."

— Interview with Descendents of Trail of Tears Survivors, 1970

21 This excerpt suggests that on the Trail of Tears, Native Americans

- A** returned to their villages.
- B** became sick and died.
- C** looked for silver and gold.
- D** defended their homes from attack.

Boston Tea Party



22 What was the main cause of the action shown in the illustration above?

- F** stopping western settlements
- G** halting colonial trade
- H** destroying colonial plantations
- J** taxing without representation

23 The abolitionist movement angered many people in the South because it

- A** called for the end of slavery.
- B** increased taxes for plantation owners.
- C** demanded land in western territories.
- D** supported trade with foreign countries.

24 Sequoyah is an important person in history because he

- F** helped early colonists survive the winter.
- G** organized several tribes to fight against settlers.
- H** invented an alphabet for his native language.
- J** guided early explorers on their expeditions.

25 Which was one result of the Lewis and Clark expedition?

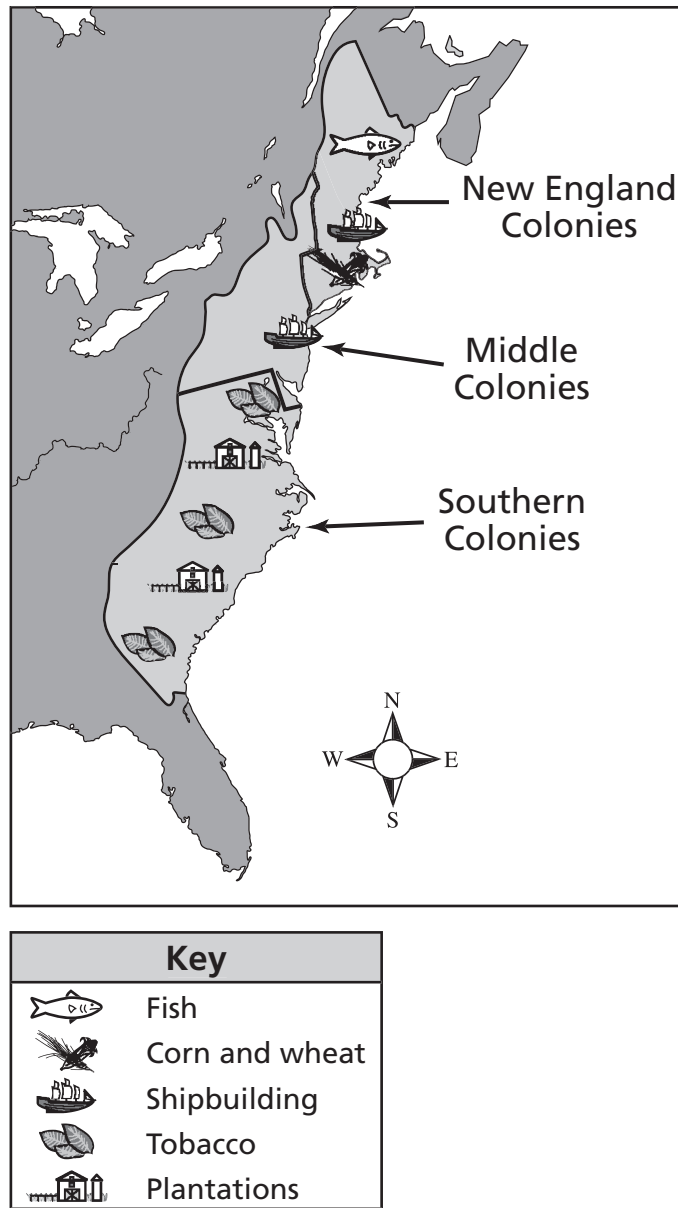
- A** Mississippi River maps were acquired by traders.
- B** Mexico became friendly with the United States.
- C** Florida became a territory of the United States.
- D** Citizens learned about western Native Americans.

26 Which action did the signers of the Mayflower Compact take?

- F** elected representatives and judges
- G** agreed to form and obey laws
- H** made treaties with other countries
- J** decided to protect the rights of citizens

Go On ►

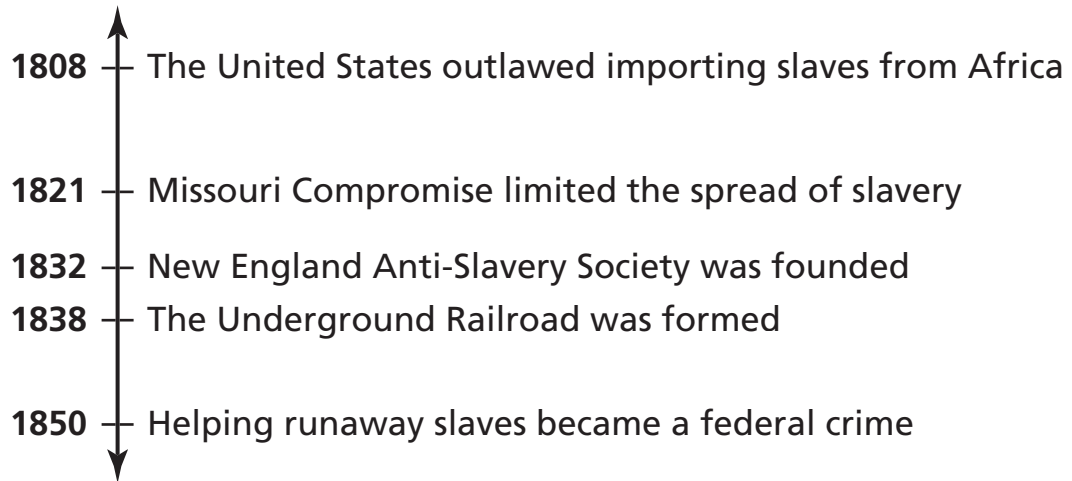
Colonial Economic Activities, 1763



27 According to the map above, the New England Colonies had economies based mostly on

- A** Fish and Shipbuilding.
- B** Corn and wheat farming and Tobacco.
- C** Plantations and Shipbuilding.
- D** Corn and wheat farming and Plantations.

Slavery Issues, 1808–1850



28 Which event on the timeline above led most directly to the 1850 law that made it a crime to help runaway slaves?

- F** The United States outlawed importing slaves from Africa
- G** Missouri Compromise limited the spread of slavery
- H** New England Anti-Slavery Society was founded
- J** The Underground Railroad was formed

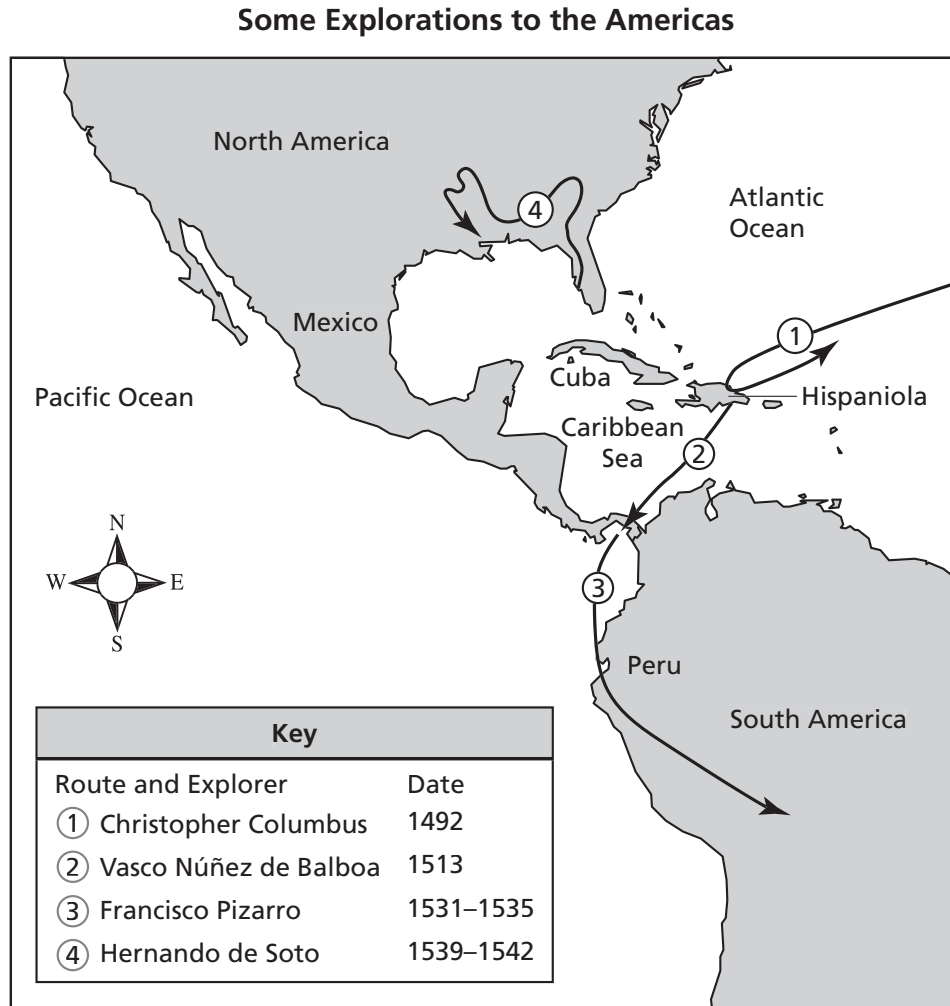
29 In which area would a city need to be most careful about not wasting water?

- A** a river
- B** a lake
- C** a desert region
- D** a mountain region

Go On ►

Directions

Use the map below and your own knowledge to do Numbers 30 and 31.



30 According to the map, which of these areas did Pizarro explore?

- F** Cuba
- G** Hispaniola
- H** Mexico
- J** Peru

31 Which of these statements about Columbus's 1492 journey is true?

- A** He reached the Pacific Ocean.
 - B** He explored the west coast of South America.
 - C** He landed on an island in the Caribbean Sea.
 - D** He explored what is now the southeastern United States.
-

32 Which of these was created by the United States Constitution?

- F** local schools
- G** a national bank
- H** local governments
- J** the federal court system

Go On ►

33 Which right does the First Amendment grant to citizens of the United States?

- A** to make a public speech
- B** to have a trial by jury
- C** protection against search and seizure of property
- D** protection against cruel and unusual punishment

34 Native American populations decreased after Europeans arrived in the Americas due to

- F** the growth of religion.
- G** a lack of education.
- H** the spread of disease.
- J** a reduction in trade.

35 Which person was known as a founding father of Tennessee?

- A** David Crockett
- B** Sam Houston
- C** John Sevier
- D** James Polk

STOP 

Part 2

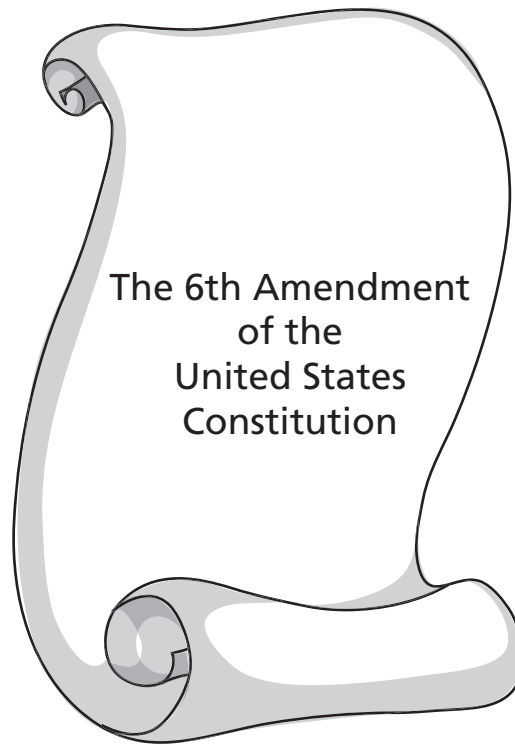
36 Why did hunters from Virginia cross the mountains into Tennessee in the 1750s?

- F** to trap furs
- G** to herd cattle
- H** to mine coal
- J** to harvest timber

I fought in the War of 1812. I led Texas to victory against Santa Anna. I was governor of both Tennessee and Texas.

37 Which person is described above?

- A** Andrew Jackson
- B** David Crockett
- C** Sam Houston
- D** James Polk



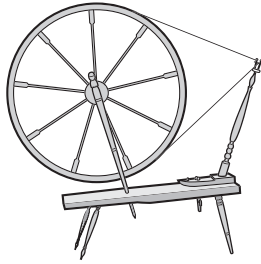
38 Which right is granted by the amendment above?

- F** to vote for leaders
- G** to have a speedy trial
- H** freedom of religion
- J** freedom of press

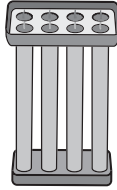
Go On ►

Directions

Use the pictures below and your own knowledge to do Numbers 39 and 40.

Some Objects Used Long Ago

Spinning
Wheel



Candle
Mold



Cooking
Pot



Butter
Churn

39 What is true about all of the objects above?

- A** They helped people travel.
- B** They were used for farming.
- C** They were used by children in schools.
- D** They helped people meet their basic needs.

40 After the Revolutionary War, people got their clothes from a textile mill. Which of the objects above helped people get clothes before the Revolutionary War?

- F** Spinning Wheel
- G** Candle Mold
- H** Cooking Pot
- J** Butter Churn

41 How is the Mayflower Compact a symbol of the first United States government?

- A** It set the example for self-rule.
- B** It promised to follow the laws of England.
- C** It started a barter economy.
- D** It formed a plan to pay taxes fairly.

42 Which colonial group is known for opposing violence and treating everyone equally?

- F** the French
- G** the Spanish
- H** Puritans
- J** Quakers

43 When Tennessee became a state in 1796, a major ethnic group in the state was the

- A** Spanish.
- B** Russians.
- C** Portuguese.
- D** Scottish.

44 Which of these cities was founded on the Hudson River?

- F** Boston
- G** New York
- H** Chicago
- J** St. Louis

Go On ►

Actions of the _____ ?

- Listen to both sides of the case
- Make a decision based on the laws
- Decide the kind of punishment

45 Which part of the government completes the title of the list above?

- A** Police
- B** Tax Collectors
- C** City Council
- D** Courts

46 The goal of an abolitionist was to

- F** allow the states to decide about slavery.
- G** persuade the government to stop slavery.
- H** encourage plantation owners to give land to slaves.
- J** return escaped slaves to plantation owners.

47 Which of these occurred as a result of the Louisiana Purchase?

- A** Settlers had less contact with Native Americans.
- B** It became more difficult for people to travel west.
- C** The United States gained many natural resources.
- D** The United States became a world power.

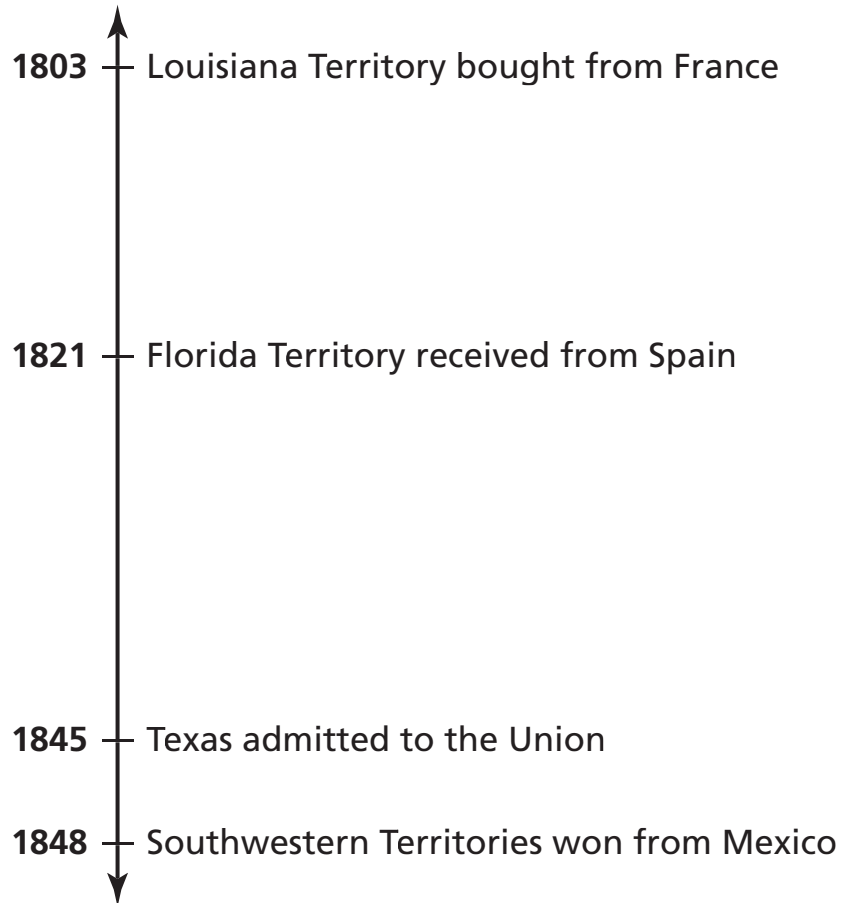
48 One of the main disagreements between the North and the South before the Civil War was over the

- F** influence of European and Asian nations.
- G** spread of slavery to new states and territories.
- H** forced relocation of Native Americans.
- J** amount of land available for agriculture.

Go On ►

Directions

Use the timeline below and your own knowledge to do Number 49.



49 As a result of all the events on the timeline, the United States

- A** increased in size.
- B** had fewer settlers.
- C** became a weaker country.
- D** lost land to other countries.

50 Which of these would most help to create demand for a product?

- F** lowering the price of the product
- G** building new factories for the product
- H** hiring people to make the product
- J** lowering the amount of advertising for the product

51 Which Native American group lived in Central America before European colonization?

- A** Chickasaw
- B** Creek
- C** Mayan
- D** Sioux

Go On ►

52 What was a result of Hernando de Soto's North American exploration?

- F** Many Native Americans died from European diseases.
- G** English colonists settled land west of the Cumberland Gap.
- H** Spain gained control of most of the land east of the Mississippi River.
- J** French soldiers sent the missionaries in the region back to France.

53 Colonists won the American Revolution because they had

- A** a navy protecting ports from British attack.
- B** militias that worked together.
- C** newspapers to report on the battles.
- D** laws against helping the British army.

Directions

Use the chart below and your own knowledge to do Numbers 54 and 55.

Value of Some Tennessee Products Sold—1999

Product	Value (in millions of dollars)
Cattle and calves	330
Cotton and cottonseed	142
Corn for grain	112
Hogs and pigs	35
Soybeans	107
Tobacco	240

54 What was the value of hogs and pigs sold in Tennessee in 1999?

- F** \$35 million
- G** \$112 million
- H** \$107 million
- J** \$240 million

55 Which of these products earned the most money in 1999?

- A** Cattle and calves
- B** Cotton and cottonseed
- C** Soybeans
- D** Tobacco

Go On ►

56 Which issue most caused Native Americans to battle European settlers?

- F** increased taxes
- G** a lack of food
- H** new trade agreements
- J** a loss of land

57 Which of these is an example of people using a barter system?

- A** Rachel gives Lee money for a bicycle.
- B** Paul gives Beth a puzzle in exchange for a game.
- C** Alberto writes a check to a storeowner to pay for a book.
- D** Connie gets an allowance from her father for doing chores.

58 Which colony was most influenced by Quaker settlements in the 1600s?

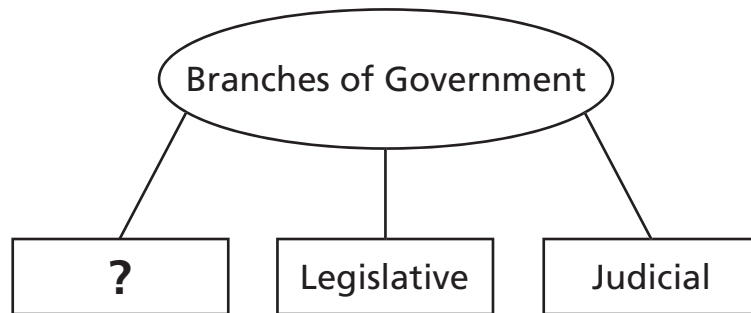
- F** Georgia
- G** Pennsylvania
- H** Delaware
- J** Maryland

Reasons Native Americans _____?

- Supply of drinking water
- Means of transportation
- Supply of food

59 Which words best complete the title above?

- A** Built Large Forts
- B** Made Trading Partners
- C** Developed Many Languages
- D** Settled Along Rivers



60 Which term best completes the diagram above?

- F** Federal
- G** State
- H** Executive
- J** Democratic

[For the slave master] it was never too hot or cold; it could never rain, blow, hail, or snow too hard for us to work in the field. . . . The longest days were too short for him, and the shortest nights too long for him.

— Frederick Douglass, on his experience as a slave, from
Narrative of the Life of Frederick Douglass, 1845

61 Which of these best explains why slaves were expected to work in all types of conditions?

- A** to stay in good health
- B** to pay for their freedom
- C** to earn money for their owners
- D** to learn how to run a business

62 Which of these physical landmarks in the United States was most likely created by erosion?

- F** the Great Lakes
- G** the Mississippi River
- H** the Rocky Mountains
- J** the Grand Canyon

63 Which problem was the most difficult for the economic growth of early Tennessee settlements?

- A** Communities had little fresh water.
- B** Communities were isolated.
- C** Settlers had little education.
- D** Settlers refused to barter.

64 Most of the early British colonists in America lived

- F** on the Atlantic Coast.
- G** on the Gulf Coast.
- H** near the Great Lakes.
- J** along the Mississippi River.

65 Which phrase describes an achievement of John Sevier?

- A** president of the United States
- B** ambassador to Great Britain
- C** soldier in the United States Civil War
- D** governor of the state of Franklin

66 Which of these places would most likely have concerns about air pollution?

- F** a town
- G** a city
- H** a village
- J** a rural area

Go On ►

- Served as Presidents of the United States
- Wanted to expand west
- Were members of the Democratic Party

67 Which two people are being described in the list above?

A

**MERIWETHER LEWIS
WILLIAM CLARK**

C

**ANDREW JACKSON
JAMES POLK**

B

**SAM HOUSTON
DAVID CROCKETT**

D

**JOHN SEVIER
WILLIAM BEAN**

68 Which colony was founded by the English with the goal of finding gold and wealth for settlers?

- F** Massachusetts Bay
- G** New Amsterdam
- H** Jamestown
- J** Pennsylvania

69 Before European colonization, which Native American group lived in the region that became Tennessee?

- A** Sioux
- B** Chickasaw
- C** Apache
- D** Wampanoag

STOP 

Reading/Language Arts Answer Key

1	A
2	G
3	C
4	F
5	B
6	J
7	C
8	H
9	D
10	G
11	A
12	H
13	D
14	F
15	C
16	F
17	D
18	H
19	A

20	G
21	B
22	J
23	B
24	F
25	D
26	F
27	B
28	J
29	C
30	F
31	B
32	H
33	D
34	G
35	C
36	H
37	B
38	F

39	A
40	H
41	D
42	H
43	B
44	J
45	B
46	J
47	B
48	F
49	B
50	J
51	C
52	F
53	B
54	J
55	D
56	G
57	C

58	F
59	B
60	H
61	C
62	F
63	D
64	F
65	D
66	G
67	D
68	F
69	C
70	H
71	D
72	H
73	D
74	J
75	D

Mathematics Answer Key

1	A
2	G
3	A
4	G
5	C
6	H
7	D
8	G
9	C
10	J
11	A
12	H
13	C
14	G

15	D
16	H
17	C
18	J
19	C
20	F
21	A
22	H
23	A
24	G
25	B
26	G
27	D
28	F

29	C
30	J
31	D
32	F
33	D
34	G
35	C
36	G
37	A
38	F
39	D
40	G
41	B
42	J

43	C
44	F
45	C
46	F
47	B
48	G
49	C
50	G
51	B
52	J
53	C
54	J
55	C

Science Answer Key

1	C
2	F
3	D
4	H
5	D
6	H
7	D
8	G
9	A
10	G
11	B
12	F
13	B
14	J
15	C
16	J
17	B
18	F

19	B
20	H
21	A
22	J
23	B
24	J
25	D
26	J
27	A
28	F
29	C
30	G
31	A
32	J
33	B
34	J
35	A
36	H

37	D
38	H
39	A
40	H
41	D
42	F
43	B
44	J
45	C
46	G
47	A
48	F
49	D
50	F
51	D
52	G
53	C
54	H

55	B
56	H
57	C
58	F
59	C
60	F
61	D
62	H
63	C
64	J
65	B
66	G
67	D
68	H
69	B

Social Studies Answer Key

1	D
2	F
3	B
4	G
5	C
6	H
7	D
8	F
9	D
10	G
11	A
12	H
13	D
14	G
15	D
16	H
17	B
18	H

19	A
20	H
21	B
22	J
23	A
24	H
25	D
26	G
27	A
28	J
29	C
30	J
31	C
32	J
33	A
34	H
35	C
36	F

37	C
38	G
39	D
40	F
41	A
42	J
43	D
44	G
45	D
46	G
47	C
48	G
49	A
50	F
51	C
52	F
53	B
54	F

55	A
56	J
57	B
58	G
59	D
60	H
61	C
62	J
63	B
64	F
65	D
66	G
67	C
68	H
69	B



Tennessee Comprehensive Assessment Program

Achievement Test ~ Grade 4

Practice Test